

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY





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Our Institute

Mission

To provide holistic learning ambiance for modern education in engineering blended with ethical values.

To promote all round personality development and enhance the career opportunities through interaction with alumni, academia and industry.

To inculcate a research culture leading to innovators and entrepreneurs.

Vision

Emerge as a premier Institute in offering technical education and research opportunities to meet the growing technological needs of the society. ndia is a knowledge economy, one that disseminates, and uses knowledge to enhance its growth and development. Vijaya Vittala Institute of Technology believes that knowledge can empower the youth into a national asset by providing proper education and guidance.

Vijaya Vittala Institute of Technology (VVIT) was established by Sri Vijaya Vittala Charitable and Educational Trust, affiliated to Visvesvaraya Technological University, Belgaum and approved by All India Council for Technical Education, New Delhi.

Late Prof. K. Venkatagiri Gowda, a renowed academician and a noted economist from London school of economics was the founder President of the trust. Dr. Venugopal K.R, a visionary and educationist, is the Honorary Technical Advisor to the Trust. Smt Rukmini T, the founder trustee of Alpha College of Engineering is the Chairperson of Vijaya Vittala Institute of Technology. This group of pioneering educators, have shaped the lives of many students into great careers. The college is located in the salubrious outskirts of Bengaluru, 15 kms from the heart of the city and is located in the International Airport link road. The city is the fastest growing metropolis in India and is the knowledge and Bio-Technology capital of India.

Smt Rukmini T, Chair Person

Sri Thyagaraj K, Secretary

Sri Shiv Prakash T, Treasurer

Dr. Krishna Prasad T, Vice-President

Sri Vijaya Vitta

and support of all.

of VVIT!

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY Service in Quality Technical Education

Message From Chairperson's Desk

S ri Vijaya Vittala Charitable and Educational Trust has been engaged in the noble task of providing opportunity to the youth in acquiring higher technical education, thus making a significant contribution in providing a strong intellectual base, balanced personality and foundation for the education of the youth. Hence, contributing to the productivity and growth of the nation.

The College has completed 11 years in Engineering Education and at the verge of completing a decade. We have been able achieve a notable growth in the field of engineering education with the effort of a whole lot of individuals. The successes and achievements are notable and deserve acclamations. We have grown from strength to strength.

This legacy has to be continued. This can be done only through collective effort. The Management will support all the endeavours of the college that help the students grow in a meaningful way. Our commitment to the society and student community will remain unshaken and we will continue to do our bit of service to the society with the help

I appreciate the commitment of the staff, both teaching and nonteaching and the administrators in sustaining a peaceful academic environment and also moulding the students to become great individuals.

Dear Students, You are the real secret behind the success of the Institute. Your Laurels and achievements become the Institute's. Every one of you has some hidden potential. An excellent education provides the opportunity to discover this. This is the education that we at VVIT are trying to provide all of you. Resolve to achieve your goals. The ethos and culture of VVIT supports you. I hope you will be a proud Alumnus

It gives me immense pleasure to know that the college is coming out with the fourth edition of college magazine "Sahasra". My best wishes to the team and I am sure the magazine will serve as an excellent platform for students to showcase your talents and also chronicle the journey and achievements of the college in the last academic year.

Here's wishing all of you all success!

Roar, excel and pass out with flying colours

Smt. Rukmini T, Chair Person

Sri Vijaya Vittala Charitable and Educational Trust

Message from our Honourary **Technical Advisor**

t gives me immense pleasure to know that Vijaya Vittala Institute of Technology is coming out with the 10th Edition of their college magazine "Sahasra". The magazine gives an excellent platform for young budding engineers to showcase and hone their artistic and literary skills. It also provides an opportunity to revisit the memorable events and remarkable achievements that have passed by in the year.

The institute has grown by leaps and bounds in the past eleven years and the college authorities require due credit and applaud for the work and effort they have put in. I hope the college continuous to grow in the same fruitful manner and produces world class engineers equipped to face the challenges of today's world.

> Dr. Venugopal K R Former Vice Chancellor, Bangalore University Former Principal, University Visvesvaraya College of Engineering

nlike many engineering colleges, the institute was established by anenergetic woman with a vision, to provide engineering education in the suburbs of Bengaluru, Smt.Rukmini T in the year 2009. Her commitment and contribution to education can be visualised by the growth of the institution.

Vijaya Vittala Institute of technology is affiliated to Visvesvaraya Technological University (VTU), one of the reputed technological universities in the world. Institution is located in the dynamic city of Bengaluru and offers four undergraduate courses in Civil Engineering, Mechanical Engineering, Electronics & Communication Engineering and Computer Science & Engineering in addition to seven M.Tech. courses and two Diploma courses.

The college has made its presence felt by means of excellent academic environment with a stress on co-curricular and extracurricular activities. Keeping in view of the importance of overall personality development of students, the institute is providing training programs from reputed organizations in soft skills, aptitudes in addition to technical training, which has resulted in good placements.

I take this opportunity to thank our esteemed management for providing excellent infrastructure including well equipped laboratories, well stacked library, sophisticated gymnasium with a constant support for all the activities. I appreciate my colleagues for their continuous efforts in the development of the institution. I congratulate our magazine committee members for bringing out this beautiful magazine depicting the culture of Vijaya Vittala Institute of Technology.

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY **Service in Quality Technical Education**

Message from Principal's Desk

Dr. Rajendra S Principal, VVIT, Bengaluru

Life @ VVIT

Message from HoD's Desk

The Department of Computer Science and Engineering was formed with the primary objective of providing world class education in the field of Information Technology. The Department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the IT industry.

Department offers BE in Computer Science and Engineering with an intake of 60 and M.Tech in Computer Network Engineering with an intake of 18. The department endeavors to produce confident professionals tuned to real time working environment. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them.

The strength of the department is highly motivated students who understand the dynamics of the industry and hone their skills accordingly. The students of the department get placed in premier Indian and multinational IT companies and go on to attain prestigious positions.

On behalf of the staff members, I wish all the students a disciplined and bright future.

HOD, Dept. of Computer Science and Engineering

Electronics and Communication Engineering is the branch that deals with designing **L** and testing circuits that use the electromagnetic properties of electrical components such as resistors, capacitors, inductors and transistors to achieve a particular functionality. It is also the branch specialized in making smart machines. The aim of VVIT is to develop, in young technocrats, an ability to solve design oriented problems in electronic circuits and various communication systems. Specialized knowledge is imparted regarding simulation of various processes using MAT LAB, DSP, Microwave engineering, VLSI design tools etc. Electronics & Communication engineers have good employment opportunity in Electronics & Communication including Cellular telephones, Microwave, Satellite & IT fields. Department offers one undergraduate and two post graduate programs in Signal Processing and VLSI.

We, the Faculty in ECE department at VVIT, are a dedicated and dynamic team. We give our very best to our students in teaching and inculcating technical knowledge and moral values to make them better citizens.

As a department, we bless and wish all the very best, and a very bright future, to all our students in and across the departments of VVIT.

HOD, Dept. of Electronics and Communication Engineering

Prof. Mangala M Patil

Dr. Leena Kunnath

Message from HoD's Desk

Life at VVIT

Dr. Virendra Kumara K N

One of the oldest branches of engineering, 'Civil Engineering', also known as the 'Mother of all Engineering', deals with the development of basic infrastructure required for the sustenance of the society.

The department of Civil Engineering at VVIT offers Diploma in Civil Engineering (Intake-60), Bachelors Degree in Civil Engineering (Intake-120) and Masters Degree in Structural Engineering (Intake-18) and Construction Technology (Intake-18).

The department boosts young and dynamic team of faculty ably guided by our Principal who has a Doctoral Degree in Civil engineering. With most of the faculty from industrial background, the students are engaged in a practical approach towards the subjects. The department also have a very healthy student faculty interaction where in there is free exchange of thoughts and knowledge.

The Department has well equipped labs and lot of emphasis is placed on developing software skills of students which has become the need of the hour for upcoming Engineers.

The students of the department are encouraged to bring out their best.

On behalf of all the staff members wishing the students all success.

HOD, Dept of Civil Engineering

Dr. Krishnamurthy N

feel privileged to be head of the mechanical department at VVIT which has given me a board scope to implement my ideas and grow with the institution we have very good faculty members with great academic background each of our faculty members he is ready and willing to work towards the academic and non academic activities for the Welfare of the students.

We strive to ensure that all our students have a strong technical education with teaming and leadership skills and the practical background of internship experience we believe that emphasizing these areas will Street to ensure. All our students how is strong technical education with teaming and leadership skills and the Practical background off internship experience We Believe Emphasizing these areas will make our students well qualified to take leadership roles in the future.

On behalf of all staff members I wish a very bright full future for all the outgoing students.

Best Wishes

HOD, Dept. of Mechanical Engineering

ife at VVIT is a beautiful journey every day. Everyday there is something fresh, something new and something exciting in the air. The Environment is charged up and relaxed at the same time. We take a look at some of the unique aspects that make life at VVIT peaceful, enjoyable and wanting for more...

INFRASTURCUTRE AND TECHNOLOGY

The infrastructure at VVIT has been developed keeping in mind the needs of students and faculty and something that supports rigorous academic study. Spread over 10 acres of tranquil landscape and a built up area of 1,50,000 sq.ft, which houses lecture halls, a library, labs, workshops, seminar hall, canteen and residential area. These have been designed with meticulous attention to detail and thoughtful use of design and space, making it a truly ambient environment to pursue higher studies. The vibrant interiors, lush green outdoors and exquisite touches, lend the college an ambience that is as delightful as it is inspiring.

We at VVIT believe that the availability of new technology can make learning more reative, interactive and information driven by using multifaceted delivery techniques.

STUDENT HOSTEL

The college provides separate residential facilities for boys and girls within the campus. The facility caters to the needs of students from all ver the country. Located conveniently in the proximity of the college campus, the well furnished hostels are equipped with modern menities like recreation centers, generators, UPS, water heaters and water coolers. Security and doctors on call are provided to the students. They are efficiently administered to provide the right atmosphere for student life. The Boys Hostel has a capacity of 250 students while the Girls hostel can accommodate 75 students. The Canteen and Mess serves both South Indian and North Indian meals. The well maintained catering service prepares hygienic and nutritious food and works round the clock to meet the needs of students, faculty and guests.

LIBRARY and INFORMATION CENTER

The library is managed by qualified and experienced librarian Mr. Niranjan, M. Lib, B.Lib, supported by other staff members. At present the library has a stock of 25,000 volumes of books. The library also subscribed to over 98 journals, of which 56 National journals and 42 international Journals. Handbooks, standard manuals, technical reports and conference proceedings are provided. The digital library section uses an extensive range of CD-ROMs, DVDs and access to online journals. E-Journals are also made available to the students with ASC and IEEE subscription which provides access to more than 2000 full text journals and 6000 bibliographic text. The library serves as a rich workspace or students to do research and referencing. And to enable the student to spend adequate time at the library, the library works beyond college hours and the reading room is accessible to students on Sundays as well.

Life at VVIT

RESEARCH LAB

Research is an important aspect of technical learning and knowledge gaining. It is research that makes the learning process thoughtful and meaningful. We at VVIT truly believe in this and have already established two research labs in the fields of Civil Engineering and Electronics and communication Engineering

1) Concrete Research Laboratory

The Concrete Research Laboratory is equipped to study basic properties of concrete constituent materials and fresh, hardening and hardened concrete. This laboratory is one of the newest and most fundamental laboratories of the Building Technology research activities. It was established in the year 2009, and since it has undergone numerous upgrading and modifications. The Concrete research lab provides the Civil engineering students with an opportunity to understand concrete in a complete way and provides them a platform to carry out their research and project works inside the college.

2) Robotics and Embedded Research Laboratory

The robotics and embedded research laboratory has been established with the goal to expose the students of the Department of Electronics and Communication to the concepts of design of Microprocessor and Microcontroller based embedded boards with wide range of applications from robotics, sensors, mobile applications etc. The lab has been successful in developing an obstacle avoiding robot with finite precision. Robotics is also something which interests the students of Mechanical engineering equally and the robotics research lab paves way for interdisciplinary research leading to newer and better inventions and technologies.

LEISURE AND SPORTING ACTIVITIES

As the proverb goes "All work and no play makes Jack a dull boy", sports, fitness and leisure activities are essential for the healthy overall physical and mental development of an individual.

To fulfil this, the college has taken measures in all directions. The department of Physical Education and Sports focuses to imbibe in student's discipline, team skills, leadership qualities and the sense of belonging through sports activities and practice of Yoga.

Adequate infrastructure facilities for indoor and outdoor games have been provided with separate grounds for Cricket, Football and Volleyball. A Basketball court is also in the making. Students are encouraged to participate in all events. Extra Curricular activities are student driven and new initiatives are encouraged. The college provides a platform for students to mould and showcase their talents through the Annual Intra-college Fest "Utkarsh" and Annual Sports Day. To boost the students' moral, winners of all the events; be it sports, literary or cultural are awarded on the College Day. The best of the college's talent is also displayed to all on the College day held every year. The students are encouraged to participate in inter-college sports and cultural competitions organized by universities and colleges across India.

UNIQUE ACADEMIC APPROACH and SUPPORT SYSTEM

The faculties provide necessary inputs and practical training to develop talented engineers with a view to enhance their abilities to face global challenges.

Teaching is made all the more pleasurable and appreciable by use of models, power point presentations, 3-D visualizations, practical approach, site visits and demonstrations.

Eminent personalities from Academics and Industry are invited for lectures and seminars. The college has also tied up with several organizations to train students in software skills for their respective branches. Personality and Aptitude training is also provided by the Training and Placement office with the additional input from organizations and experts.

The faculties employ a range of assessment methods which include written work, internals, unit tests, question bank preparation and model exams. Thereafter constructive suggestions are given to the students so that they are better prepared to face the university examinations.

Many innovative practices like faculty appraisal system, faculty training programs, pre trial system for students and VVIT smart campus add more value to the education that is being imparted.

DISCIPLINE AND VALUES

We at VVIT believe that if we are to succeed in the task of nation building, our youth need to develop a sense of values and discipline which will form the basis for their approach to everything around them, making them responsible and sensitive citizens. Installing a deep sense of values and discipline is a continuous process of all the activities of the college

SUPPORT SYSTEM

Specific problem of the students both academic and non-academic are identified through regular assessment, monthly student feedback and feedback from class teachers. Thereafter remedial action is taken in the form of counseling, additional classes etc. after consultation with the parents, staff and management.

To keep the parents in the loop about their ward's progress and performance, Progress reports are sent to the parents via post and e-mail three times in a semester after each internal assessment. The progress report informs the parents about their ward's scores in internal assessment tests and their attendance in individual subjects.

All in all, a wholesome integrated growth of the student is achieved making him/her a well-rounded individual and a responsible citizen. This is achieved in a manner in which the strengths of the student's are polished and highlighted while their weaknesses are overcome and converted to strengths by combined effort of all.

This is what VVIT truly stands for and that's why Life at VVIT is just so full of life!!!

Department of **Basic Science & Humanities**

Department of **Civil Engineering**

he department of science is highly focused on imparting guality education to meet the global challenges of science and technology. The department plays a vital role in laying the strongest foundation so that the students are well equipped to stand up to higher education.

The department comprises of faculty members from various disciplines such as Mathematics Physics, Chemistry, Language training (English and Kannada) and training in soft skills. The Department also imparts knowledge on subjects like Environmental studies and constitution of India and professional ethics to the undergraduate engineering students which is a part of VTU curriculum.

The Basic Sciences the most basic objects, forces, relations between them and laws governing them. All Engineering branches have evolved from these basic principles, the branches of physics, chemistry and mathematics from an important base in understanding the larger concepts and theories of the various Engineering branches. The Department workshops and labs are geared to handle all requirements of the first year. The Department of mathematics has one of the best results among the VTU colleges in Bengaluru.

The department of Mathematics also conducts courses in Discrete Mathematical Structures, Graph Theory and Combinations and advanced mathematics for diploma students. Students requiring extra help are identified and special remedial classes are conducted for them to enable them to perform well. With sincere efforts of the team, the department has been consistently obtaining excellent results.

LABORATORIES

The Basic Sciences Department has laboratories under the departments of Physics and Chemistry which are state of the art and are equipped with the latest equipments.

MISSION

Making Engineers to develop the mathematical and scientific thinking and applying it to solve complex engineering problems, designing mathematical modeling for systems involving global level technology.

VISION

- Encouraging inquisitiveness in a student throughout so that he would be able to under stand the fundamentals of technology
- Informing the student with the latest development in science so that he can exploit it for development of technology.
- Imbibing the idea that understanding of an atom is very essential to understand the universe to the students.
- Instigating the "research" in a student so that he/she could be an innovator or discoverer of tomorrow.

The Department of Civil Engineering in VVIT was established in the year 2009. Over the years, it has grown into one of the finest centres of learning in the field of civil engineering. The Department aims to bring out engineers equipped with the latest technical skills and global exposure who are ready to handle any sort of practical issue with ease with their solid theoretical background.

The Department has been very proactive in industrial interaction and technology development. It has built excellent experimental and computational facilities related to Hydraulics, Geotechnical, Structural and Environmental Engineering fields.

Academic Programs offered:

UG Program: Bachelor of Engineering (B.E.) in Civil Engineering with approved intake of 120

PG Program: Masters of Technology (M.Tech.) in Structural Engineering and Construction Technology with approved intake of 18 each.

OBIECTIVES OF WORKSHOP

The one-day workshop aims to provide an overview of the evolving perspectives in building materials. With sustainable and eco-friendly constructions becoming the need of the hour, the construction industry is set to undergo a paradigm shift. Several alternatives to concrete, concreting methods and construction materials are emerging day by day.

In the present scenario where earthquake related failures have become common it is imperative to understand the failure mechanisms for structures with deep foundations. This workshop will also serve as a platform for knowledge sharing, intellectual discussion and technological development for the benefit ofs ociety.

RESOURCE PERSONS:

Dr. R. V. Ranganath

Professor, Department of Civil Engineering, BMS College of Engineering, Bangalore

Dr. L. Govindaraju Associate Professor, UVCE, Bangalore.

Dr. Radhakrishna

Associate Professor & TEQIP II Nodal Officer (C&E) RVCE, Bangalore.

Department of Civil Engineering

DHARTEE - Association of Civil Engineering Students

Presents

One-day Workshop on TRENDING CONCRETE TECHNIQUES & EFFECTS ON ENVIRONMENT

Works shop text comes here

camp is a part of the curriculum for the students of sixth semester. The camp was conducted for duration of 10 days at GHATI SUBHRAMANYA, Bengaluru rural district 20th January 2019 to 30th January 2019. The students camped at Government premises adjoining Subhramanya temple. Separate accommodation was provided for girls and boys.

The following projects were done by the students by rotation in the following sites.

- 1. New Tank Project near
- 2. Old Tank Project.
- 3. Village Project /Water Supply / Sanitation
- 4. Highway Project

After doing the field work the students completed the required office work and prepared corresponding drawings. On final day they prepared the project report.

SURVEY CAMP

xtensive survey camp is a part of the curriculum for the students of sixth semester. The camp was conducted for duration of 10 days at GHATI SUBHRAMANYA, Bengaluru rural district 20th January 2019 to 30th January 2019. The students camped at Government premises adjoining Subhramanya temple. Separate accommodation was provided for girls and boys.

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SUDRUD - 2019

IPA, 6TH IPC BENGALURU - 2019

has organised two day workshop on

"I SAVE WATER"

in Gayathri Grand, Place Grounds, Bengaluru on11th-12thOctober 2019

I Save Water Pledge

"I Pledge that From today onwards I Will Save Water and Spread the Message to Save Water To my Family, Friends and Neighbours. I am a Goodwill Ambassador " to Save Water I am a Champion We Are the Champions.

Its main agenda was about water conservationandto save somemillions of water by 2025. Exhibition on plumbing equipment's, membrane filters, solar heaters, rainwater harvesting systems and grease traps. Mr.Anand Malligavad had given an inspirational speech on water conservation and purification techniques, future problems regarding water, ground water position in Bengaluru by 2025. He also added point on water pollution, ground water intrusion due to lot of water withdraw from ground, recharge techniques and causes o industrial pollutants.

Students have taken active participation in the workshop.

INDUSTRIAL SURVEY

Wastewater is used water. It includes substances such as human waste, food scraps, oils, soaps and chemicals. In homes, this includes water from sinks, showers, bathtubs, toilets, washing machines and dishwashers. Businesses and industries also contribute their share of used water that must be cleaned.

The major aim of wastewater treatment is to remove as much of the suspended solids as possible before the remaining water, called effluent, is discharged back to the environment. As solid material decays, it uses up oxygen, which is needed by the plants and animals living in the water.

"Primary treatment" removes about 60% of suspended solids from wastewater. This treatment also involves aerating (stirring up) the wastewater, to put oxygen back in. Secondary treatment removes more than 90% of suspended solids.

TEACHERS' DAY

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY Service in Quality Technical Education

Teachers' Day in India is celebrated on 5th September to commemorate the birth anniversary of Dr.Sarvepalli Radhakrishnan. He was a renowned scholar, recipient of Bharat Ratna, first Vice- President and second President of independent India. He was born on 5 September, 1888. As an educationist, he was an advocate of edification, and was a distinguished envoy, academician, and above all a great teacher.

As the common adage goes, the future of a country lies in the hands of its children and teachers, as mentors, can mould students into future leaders who shape the destiny of India. They play an important role in our lives to become successful in career and business. They help us to become a good human being, a better member of the society and an ideal citizen of the country. Teacher's Day is celebrated to acknowledge the challenges, hardships and the special role that teachers play in our lives.

Teachers' Day is one such event for which students and teachers equally look forward to. Teachers' Day is important for the students as it gives them a chance to understand the efforts put in by their teachers to ensure that they get proper education. Similarly, teachers also look forward to Teachers' Day celebration as their efforts get recognised and honoured by students.

INDEPENDENCE DAY CELEBRATION

AYUDHA PUJA

ndependence Day is annually celebrated on 15 August, as a

national holiday in India commemorating the nation's independence from the United Kingdom on 15 August 1947, the day when the UK Parliament passed the Indian Independence Act 1947 transferring

legislative sovereignty to the Indian Constituent Assembly. India still

retained King George VI as head of state until its transition to full republican constitution. India attained independence following the Independence Movement noted for largely nonviolent resistance and civil

violent resistance and civil disobedience.

Ayudha Puja is a part of the Navratri festival (festival of triumph), a Hindu festival which is traditionally celebrated in India. It is also called "Astra Puja", the synonym for Ayudha Puja. In simple terms, it means "Worship of Instruments". The festival falls on the tenth day of the bright half of Moon's cycle of 15 days in the month of September/October, and is popularly a part of the Dasara (well known as deepavali) or Navaratri or Durga Puja or Golu festival. On the tenth day of the Dasara festival, weapons and tools are worshipped. In Karnataka, the celebration is for killing of the demon king Mahishasura by goddess Durga. After slaying of the demon king, the weapons were kept out for worship. While Navaratri festival is observed all over the country but in South Indian states, where it is widely celebrated as Ayudha Puja, there are slight variations of worship.

CHRISTMAS CELEBRATION

Christmas is an annual festival commemorating December 25 as a religious and cultural celebration among billions of people around the world. A feast central to the Christian liturgical year, it is preceded by the season of Advent or the Nativity Fast and initiates the season of Christmastide, which historically in the West lasts twelve days and culminates on Twelfth Night in some traditions, Christmastide includes an octave. Christmas Day is a public holiday in many of the world's nations, is celebrated religiously by a majority of Christians as well as culturally by many non-Christians, and forms an integral part of the holiday season centred around it.

The traditional Christmas narrative, the Nativity of Jesus, delineated in the New Testament says that Jesus was born in Bethlehem, in accordance with messianic prophecies. When Joseph and Mary arrived in the city, the inn had no room and so they were offered a stable where the Christ Child was soon born, with angels proclaiming this news to shepherds who then further disseminated the information.

Christmas celebration was organized by Arunachal Christian Fellowship Bengaluru (ACFB) n org., it was celebrated on 17 November 2019 in (SAIACS) south Asia institute of advanced Christian studies. More than 15 colleges students from Arunachal students who studying in Bengaluru took participate on dis Christmas celebration.

Geology Engineering Laboratory

Toppers from Civil Dept.

3rd Semister

Suraj Yadav 1VJ18CV036

Amir Ansari 1VJ17CV004

Raju Yadav

1VJ17CV030

Md. Sarhad Shekh 1VJ16CV047

Environmental Engineering Laboratory

Department of Electronics & Communication Engineering

The Electronics and Communication Engineering is a wing of engineering that deals with the effects and behavior of electrons to develop system, device, components or equipments, integrated circuits that use electricity as the driving force. It also includes instrumentation engineering, telecommunication, semiconductor circuit design and power engineering. Electronics engineering has a major role in improving productivity in industries like oil, energy and agriculture. In steel, petroleum and chemical industries it is the electronic devices that direct, control and test production processes. Health care industry depends on electronic instruments to perform chemical tests and to check body functions.

The Analog Electronics Laboratory, Logic Design Laboratory, Micro controllers Laboratory, HDL Laboratory, DSP Laboratory, Analog Communication Laboratory, Power Electronics Laboratory, VLSI Laboratory and the Research Laboratory have been developed with a contemporary design. The department's experienced and devoted faculty brings out the best in the student folk.

The Electronics and Communication Engineering program was started in the year 2009. The focus of the department is to produce graduates and post graduates with strong fundamentals in electronics and communication domain. The course is an outcome based structured to help students to achieve this goal. The Department of Electronics and Communication Engineering at VVIT has a strong focus on providing students with a strong background in mathematics, science and engineering and to enable students to solve problems through analytical reasoning with a motivation to cater to the local and global needs of technological growth. The department provides students with adequate practical training by way of laboratory sessions, design and problem based learning. Also emphasized in the learning process is the vital component of effective oral and written communication skills

The department has good experienced faculty members with various specializations; all the faculty members are Post graduates with outstanding teaching and industry experience. The department have been working for the better performance of the student . The department has excellent infrastructure with state of the art equipment and software tools. The department is having computer centre with over 50 computers catering to student needs. The department has a strong R and D culture.

Microprocessors Laboratory

WORKSHOP

VISION

Imparting guality technical education through research, innovation and teamwork for a lasting technology development in the area of Electronics and Communication Engineering.

MISSION

- To train the Electronics and Communication Engineering graduates to meet future global challenges.
- To impart quality technical education to produce industry-ready engineers.
- To inculcate the quest for modern technologies in the emerging areas.
- To motivate the students towards research leading to multidisciplinary innovative projects.
- To produce future leaders with cohesive teamwork.
- To kindle the entrepreneurial skill amongst students for overall societal upliftment.
- To create centers of excellence in the field of electronics and communication engineering through collaboration with industries and other universities
- VVIT ECE graduates will have the ability to work in a multidisciplinary environment, to recognize the importance of lifelong learning through participation in seminars and workshops.
- VVIT ECE graduates will have the ability to take up individual responsibilities to work effectively in teams and with an understanding of the strong ethical and professional responsibility towards their peers, employers and society.
- VVIT ECE graduates will be able to employ appropriate techniques using hardware and software engineering tools for modern engineering applications and will demonstrate an ability to apply their knowledge of advanced mathematics and electronics engineering principles towards creating new technologies.
- VVIT ECE graduates will have the ability to work professionally in the fields of signal The program provides a strong research orientation to the students by way of closely involving them in a variety of research projects from industries and research institutions from India and abroad so that they develop a passion for research in their undergraduate program. This would motivate them to pursue higher studies in their chosen field of specialization.
- The program also paves way for a variety of career paths, so that students go on to become successful entrepreneurs, teachers, research scholars, design engineers, managers and consultants.

Academic programs offered:

- UG Program: Bachelor of Engineering(B.E.) in Electronics and Communication Engineering with approved intake of 60.
- PG Program: Master of Technology (M.Tech) in Signal Processing, VLSI and Embedded System design with approved intake of 18 each.

DEPARTMENT OF

Electronics and Communication Engineering Technical

Research Papers : " ICRRCTEEE -BENGALURU "

Date:	Nov - 2019
Faculty Name :	Deepthi P
Paper Title:	Enhancing the capacity of D

INDUSTRIAL VISIT

Co-coordinator Name : Manjunath ManaguliOrganized By: Vijaya Vittala Institute ofFactory location: C-DAC Knowledge Park of Road, Byappanahalli BengStudents: V Sem, B.E	Date	: 17th of September 2019
Organized By: Vijaya Vittala Institute ofFactory location: C-DAC Knowledge Park of Road, Byappanahalli BengStudents: V Sem, B.E	Co-coordinator Name	: Manjunath Managuli
Factory location: C-DAC Knowledge Park Road, Byappanahalli BengStudents: V Sem, B.E	Organized By	: Vijaya Vittala Institute of
Students : V Sem, B.E	Factory location	: C-DAC Knowledge Park (Road, Byappanahalli Beng
	Students	: V Sem, B.E

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY Service in Quality Technical Education

DWDM optical network – A survey

Technology, Bangalore **Opp.** HAL Aeroengine Division Old Madras aluru - 560 038

ETHNIC DAY

ECE - CONVOCATION

ECE - TEACHERSDAY

Department of Computer Science & Engineering

ACADEMIC PROGRAMS OFFERED

UG Program:

Bachelor of Engineering (B.E.) in Computer Science and Engineering with an intake of 60.

PG Program:

Masters of Technology (M.Tech.) in Computer Network Engineering with an intake of 18.

VISION

- To impart leadership qualities in students
- To inculcate technical education that is complete in all respects
- To enhance industry and Institute interaction

DEPARTMENT GOALS

- To improve the infrastructure
- To achieve R & D activities
- To introduce value added courses for students and staff
- Deputing faculty member for higher education
- To constantly upgrade different labs to meet both curriculum and Industry requirements

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY Service in Quality Technical Education

SE Department has pledged to produce well trained Engineering Graduates & Post Graduates and to orient the education to suit technical manpower needs of the nation."

The Department of Computer Science & Engineering in VVIT was established in 2009. Over the decade, it has grown into one of the best centers of learning in the field of Computer Science and Engineering. The Department of Computer Science & Engineering was formed with the primary objective of providing world class education in the field of Information Technology. The Department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the IT industry.

The department has complete fledged labs according to the academic plans of VTU. The laboratories have modern computing facilities with the latest branded desktops, and high speed Internet lines which aid the students in research and referencing. The department believes that research is an important aspect of technical learning & knowledge gaining. Thus, CSE department encourages student's innovative ideas and trains them for conducting practical research. The institution organizes training and placement classes for the students to meet up the gap between industry and academics. Further, it also organizes industrial visits. The department encourages and motivates students to get recruited in various companies by organizing pool campus drives and inspires students to attend in off-campus drives.

The Computer Science and Engineering department student's association, "TECHNOBITS " organizes workshops, seminar, technical talk by eminent resource person from industries.

Computers have become an indispensible part of our life and an aide to solving problems of any magnitude. This is

where the young Computer Engineers step in to create a difference. Career opportunities for students include developing software systems for a diverse range of applications, such as user interfaces, networks, databases, forecasting, World Wide Web support, medical communication, satellite, embedded systems, artificial intelligence and neural networks.

The faculty members of the department have extensive industry and teaching experience, hence enabling them to impart an amalgamated teaching technique that will prepare the students for the tough industry benchmarks. The department has a large collection of reference books and software packages. The impact of our ideas and our students extend globally in meaningful and effective ways.

The department endeavors to produce confident professionals tuned to real time working environment. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them.

The strength of the department is highly motivated students who understand the dynamics of the industry and hone their skills accordingly. The students of the department get placed in premier Indian and multinational IT companies and go on to attain prestigious positions.

On behalf of the staff members, I wish all the students a disciplined and bright future.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Technical Talk on IOT and Artificial Intelligence

Title : "IOT and Artificial Intelligence"

Date: Technical Speakers : Topic:

09.09.2019 Mr. Qwaiz Khan and Siddig Salsha "Topics of IOT and Artificial Intelligene"

CSE - CONVOCATION

CSE - TEACHERSDAY

FAREWELL TO PASSOUT STUDENTS

Department of Mechanical Engineering

INDUSTRIAL SURVEY

It is an important concept as it provides a thorough understanding of the industrial modus. The industrial visit was organized by Computer Science and Engineering Department. This educational venture was organized on Sep-17-2019 to "Centre for Development of Advanced Computing (C-DAC) - Bangalore" for V semester B.E. students.

STUDENT PARTICIPATION

- 1. Mr. Rakesh, Mr. Pradeep, Mr. Ganesh R., Ms. Keerthana, Ms. Ramys, Ms. Sindhu and Ms. Veeitha has Participated in the 4th National Level Project Competition "IEEE PROJECT EXPO -2019" Organized by IEEE Student Branch at GSSS Institute of Engineering & Technology for Women at Mysore.
- 2. Ms. Hemalatha, Ms.Priya K., Ms. Kousalya and Ms. Jeevitha D. has participated in "Mobile Controlled Bluetooth Robot" workshop organized by TOP ENGINEERS on 08-09-2019 at IIT Madras Research park Chennai.
- 3. Ms. K.Tharani and Ms. Shwetha C.B. had participated in Two-Days hands on training on "Cyber Security and Ethical Hacking" held at IISc Bengaluru during 26-27 September 2019.
- 4. Ms. K. Tharani, Ms. Shwetha C.B., Mr. Mukund and Mr. Gopi are participated in the project proposal of India Innovation Challenge Design Contest 2019 of DST and Texas Instruments.
- 5. Mis. Tanushree S.B., Hemalatha M., Nishmitha G., Jeevitha D., have participated in Two Days Techno Workshop series on Android App Development on 27th-28th Oct 2018 at IIT Madras

The department of Mechanical Engineering was started in 2009 and has grown multifold and currently offers a UG course in Mechanical Engineering with an intake of 120 students, a PG course in Machine Design with an intake of 18 students. From this academic year, the department will also be offering a diploma course in Mechanical Engineering and M.Tech in Computer Integrated Manufacturing.

Our Vision

"The Mechanical Engineering Department strives to be recognized globally for outstanding education and research leading to well-qualified engineers, who are innovative, entrepreneurial and successful in advanced fields of engineering and research".

Our Mission

- 1) Imparting quality education to the students and enhancing their skills to make them globally competitive mechanical engineers.
- 2) Maintaining, state-of-the-art research facilities to provide its students and faculty with opportunities to create, interpret, apply and disseminate knowledge.
- 3) To develop linkages with world class R & D organizations and educational institutions in India and abroad for excellence in teaching, research and consultancy practices. The department has excellent laboratory facilities. Following are the laboratories in Mechanical Department.

Product Design and Development on 9.5.2019

Grooming on 10.04.2019

Rapid Prototyping Technology 30.04.2018

Teacher's Day on 5.09.2019

Industrial Visit

Celebration of Engineer Days on 15.09.2019

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Training and **Placement Cell**

FAREWELL TO PASSOUT STUDENTS

Prof. Indranil Roy is an experienced IT professional with extensive corporate experience leads the Placement Cell. The placement cell helps to assist the development of students with a balanced set of Technical and Interpersonal skills. All the training programs are conveyed by industry experts through both Classroom Training and LVC (live virtual class).

College invites industry experts to cover key topics and for various technical speaks. Students are trained upon: Soft Skills, PD (Personality Development), and time management. Placement Cell also takes the initiative to counsel students upon Career Orientation.

The cell always aims to bridge the gap between the industry requirement and current potential of the students by means of training, industrial visits, industry experts talk, career seminars, and other possible means.

The Department of Training and Placement plays an important role in shaping the career of students from their induction and orientation, summer internships, mid-term projects, right to their final placements and even beyond. Besides the department also undertakes various academic and non-academic initiatives so that students are well equipped to meet varied industry requirements.

The goal of Training and Placement Cell is to provide world class training and employment opportunities to the students of Vijaya Vittala Institute of Technology in leading organizations. The vision of Placement Cell is to be a centre of excellence in grooming the students to produce human resource of exceptional technical skills and leadership gualities to serve global technical needs.

Training activities are organized throughout the year in an effort towards preparing the prospective students for the campus selection programs. Students are trained over communication skills, personality development, aptitude, and technical skills etc. The cell keeps on inviting various industries and reputed firms for campus recruitment. It moulds the engineering graduates to young professionals. The cell is sensitized to function all through the year towards generating placement and training opportunities for the students. The Training and Placement Cell facilitates the process of placement of students passing out from the Institute besides collaborating with leading organizations and institutes in setting up of internship and training program of students. The Cell also organizes Industrial Visits throughout the year to reputed organization to give hands on experience and accelerate the process of learning outside the classrooms. The cell also conducts Pre-Placement Talks as per mutual convenience of the students and the corporate. The Placement Cell is assisted by all the students and staff members directly or indirectly.

Facilities available at VVIT placement Cell:

- 2 GD Room (14 seated each)
- 3 PI Room (2:1 ration)
- Conference Room (Capacity: 60 pax)
- A/C Seminar Hall (Capacity: 200 pax)
- Pantry and Dining Hall
- Complete floor for placement activities (Capacity: 500 pax)
- 300 + computers for online test

Prof. Mr. Indranil Roy

TRAININGS OFFERED AT CAMPUS:

VVIT have followed a trend to offer training to all the students irrespective of their stream (branch) every year. Right from their 3rd Semester corporate training is started for all the students.

Trainings on Quantative aptitude, Reasoning, Soft skills, Communications, Verbal and Non-Verbal are given to all the students in final year. Along with this, branch specific trainings are also provided to make the students industry ready.

Specialized Trainings / Branch Specific Trainings:

For Computer Science students various trainings offered include: C, Aptitude in C, C++, Advanced C++, Basic Java and Advanced Java. Students are also advised to take up training on .Net, Android App and Software Testing For ECE students various trainings offered include: C, Aptitude in C, C++, Basic Java, Embedded Systems etc. Students are also encouraged to take up training on Power Electronics, VLSI Desidn and Software Testing For Mechanical Engineering students various trainings offered include: Auto Cad, ProE, Ansys, and Hypermesh etc. For Civil Engineering students various trainings offered include: Auto Cad, Staad Pro, Revit Architecture and Field Surveying etc.

Our Training Partners:

- **OSpider Insitute :** OSpiders is a best-in-class learning solutions organization headquartered in India's IT capital, Bangalore. We offer a wide range of courses in the area of software testing and are official partners of the ISTQB[®]. A "finishing school" in many ways, the institute provides young job aspirants the perfect launch-pad to build a rewarding career in the growing IT sector. From its humble beginnings, OSpiders has exponentially grown to be the world's largest software testing training organization spread across countries. At QSpiders, we ensure training is imparted by specialists with proven subject matter expertise and who have spent over a decade in their area of specialization. Our faculty are highly competent, skilled and dedicated to giving their best towards the professional development of our students. Besides training, we also provide placement assistance to our students and most of the big corporates in the corporate world hire our trained talent. It is indeed our pleasure to have placed over thousands of job-seekers in various IT firms across India over the years with an aim to place thousands more! Building competency into over 5000 students a month, QSpiders is where talent meets opportunity and we believe your search for the dream job or the dream professional ends here.
- Seventh Sense Talent Solutions: Seventh Sense is a Talent Solutions company founded and managed by alumni from the Indian Institute of Management, Bengaluru (IIMB). Seventh Sense believes that Talent is the most critical factor that differentiates a great company from a good one. Therefore they focus their energies on helping colleges exploit critical opportunities pertaining to Talent. They train our students on following skills:
- Soft Skills: Time management, English Communication, Resume Writing, Interview skills
- Aptitude Skills: Number, Age, Time and Distance, Speed, Ratio, Percentage etc.

VIJAYA VITTALA INSTITUTE OF TECHNOLOGY Service in Quality Technical Education

• Technical Skills: C, C++, Java

• Jetwings Technologies: Jetwings Technologies is one of the pioneer institutes in the field of Aero-modeling and Mechanical Engineering. Jetwings Technologies is a Bengaluru based dedicated Training and Consultancy enterprise with focus on providing Industry and Job Oriented Training programs to Engineering students. Jetwings Technologies have successfully trained more than 8000 students in the past 5 years and the training programs involved interaction with experienced and qualified professionals from various organizations and Academic Institutions like NAFEMS, NAL, HAL, DRDO, Jet Airways, IIT's and NIT's.

Jetwings Technologies is an R & D center for designing and developing UAV'S and MAV'S. It has signed MOU with Albatross Flying Systems for providing Engineering services and to carry on joint R & D activities in the areas of Micro Light Aircraft Design, UAV'S and MAV'S. It is also the Education and Training Group member of NAFEMS, India (Head guarter at U K). Jetwings group is also the Authorized Training provider of ANSYS Software in the areas of Structural Analysis and CFD. Jetwings is the Authorized Training provider of CATIA V5 Software in the areas of Structural Designing for NATIONAL DESIGN RESEARCH FORUM, IEI, Bengaluru. They also have organized many industrial training activities in the areas of Rapid Prototyping, CNC Machining, NDT, Aircraft Maintenance Practices, Engine Maintenance and overhauling, Helicopter Maintenance, Avionics, Composites Manufacturing and Systems Integration, Wireless communication and Robotics.

Trainings conducted by Jetwings Technologies at VVIT:

• AutoCAD • Catia V5

Our Placement Partners:

Monster College

Significant milestones:

- 13 students selected by IBM
- 3 students selected by HP
- 8 students selected by MPHASIS
- 3 students selected by ACCENTURE
- 2 Students selected by HONDA
- 1 students selected by MAHINDRA AND MAHINDRA
- 1 students selected by TECH MAHINDRA
- 2 students selected by SOBHA DEVELOPERS
- 2 students selected by MANTRI DEVELOPERS
- 2 students selected by LandT
- 1 students selected by ARYAKA SYSTEMS
- 1 student selected by M/S EVEREST INDUSTRIES PVT LTD
- 2 students selected by BHEA
- 4 students selected by GOOD THROUGH SOFT.SOL.
- 2 students selected by RETAIL ON
- 2 student selected by UNISYS
- 1 student selected by BPL
- 1 student selected by IGATE
- 8 students selected by SPS
- 2 students selected by D'INSIGNIA
- 1 student selected by ENDEVEUR
- 1 student selected by GENISYS
- 1 student selected by MAUSHASHI
- 4 students selected by JOSIAH TECHNOLOGIES
- 1 student selected by PRESTIGE GROUP
- 1 student selected by TEXACO
- 1 student selected by MURASIT-BAUCHEMIE
- 1 student selected by N.D. Developers Pvt Ltd
- 1 student selected by Synchronoss Technologies Inc
- 1 student selected by AW INDUSTRIES
- 1 student selected by GCA CONSULTANTS
- 1 student selected by WINDSTREAM

The Research and Product Innovation Cell (aka R&D Center) aims at imparting inventive and research oriented engineering education to students by enabling them to become capable of solving practical problems of society with innovative methods and processes. As mere theoretical engineering education with standard laboratory work is insufficient to make the students employable by the time they complete their curricular study, the center aims at honing their independent thinking ability, problem solving skills, and entrepreneurial skills so as to empower them to contribute towards the economical development of the country. Students are trained for conducting practical research, and for developing useful products starting from conceptual ideation up to prototype completion.

The director of the center, Dr. ASHOK B, is a graduate and post graduate from IISC, Bengaluru, also holds Law and MBA degrees. The center is well equipped with tools and computer hardware and software systems for conducting university level research work and developing prototypes of products.

VISION

"To become an R&D Center with a commitment to perform original R&D work on par with global standards."

MISSION

To provide a research and development environment that supplements the engineering curriculum so as to focus on the current technological needs and industrial requirements in the country matching with global standards.

ACTIVITIES

- · Creating rigorous, relevant and innovative Engineering Research projects.
- Incubating product development and entrepreneurship culture among the students.
- Facilitating interactions between and within academia and industry.
- Keeping students/staff informed of leading research through dissemination of information via various outlets such as seminars, working papers, etc.
- Publishing national and international papers on topics relevant to the research areas.
- Converting new ideas to Patents.
- Mentoring and guiding the work and research of postgraduate students.
- · Leading bids for research, consultancy and other additional funds.
- Applying and obtaining Research grants from VTU, AICTE, CSIR, MHRD, DST, UGC, KSFC as well as others State Government and Central Government agencies.
- Publishing technical articles and videos to showcase the Institute in media and print.
- Obtaining sponsored / funded projects from private sectors and from government organizations.

Current Activities and Product Developments

The current focus of the R&D center is on development of innovative products in association with the students. The following products have been developed or are under development at the center:

- Feeding mechanism for handicapped persons
- GPS Satellites based precise clock (installed in the Institute)
- Bar display for traffic lights
- Mirrored display for petrol pump hoses
- Flip-flop advertisement display
- Continuous Variable Transmission (CVT) demo model.
- 4-stroke engine demo model
- · Kannada numerical display with 24 segment display units
- Flyover model with 8 sections
- · Cobiax technology based slab
- Industrial robotic arm
- Automotive clutch demonstration model
- Theo Jansen mechanism based 4 legged walking robot
- Nano-molecular machines models
- MCQ testing educational toy
- · Robotic monkey head and mouth actuator units
- Differential power transmission demonstration model
- · Fleming's Left-hand rule demonstration model
- Power-On indication two-way switches
- Locomotive on-track drone
- Hydrogen atom automaton

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Student Testimonial CIVIL

LokaRanjith S CIVIL ENGINEERING 2010-2014 Batch

My time as an undergraduate student in Civil Engineering at VVIT was rewarding beyond belief. During a formative four years which all went by in a flash, I forged lifelong friendships with my remarkable peers and discovered a passion for the built environment. Coming from a civil Family I was Always been interested in Civil Engineering, It was great to have a mix of Experienced & young, caring and supportive Professors, the Guidance & Knowledge provided by professors in this department was immerse which pushed me to the edge, towards my potential vielding good grades. This program gave me a robust foundation in Civil engineering that well prepared me for continued Post graduate[MBA in Construction Project Management] at RICS Delhi, and ultimately a career in Project Management with Al Naboodah Construction Group, Dubai as a Cost Control Engineer. Every day I wake up excited to participate in shaping the spaces in which people live, work and play. I am grateful I choose VVIT for a foundation in Civil engineering that has enabled a rewarding career."

Many Thanks

can positively say VVIT has made me a better person. It has helped me develop a positive attitude towards my studies and discover more about myself. I like the friendly atmosphere here and the fact that teachers are really close to students. Students are supported really well in studies. VVIT has given me invaluable growth.VVIT has taught me things far beyond bookish knowledge and helped me broaden my horizons.

Rakesh K R BASF India Ltd. Asst Manager - Specifications Bengaluru

My experience in VVIT is exhilarating. I am glad that I was embraced with the excellent set of faculties and friends. The college management is giving its outmost efforts in all fields and fulfilling the needs of students. Placements are very good and the training of candidates are done prior than the interview sessions.

Prajwal Ashwin Cutinha E & C Vijaya Vittala Institute of Technology, an engineering institution affiliated to VTU was established in the year 2009. Under the guidance of our chairperson Smt. Rukmini T, the college has grown multiple folds. Our knowledgeable and experienced principal Dr. S. B. Anadinni is a highly inspirational and motivational figure for us students. Within a span of 9 years, VVIT has soared to great heights. This has been possible due to the combined efforts if our principal and management.

It is said that a teacher plays the most important role in a student's life. VVIT is home to the most hard working and friendly faculty. They take great care to ensure that each and every student understands the subjects in a complete manner.

The infrastructure at VVIT is commendable. We Have fully equipped labs in each department which provide for a wholesome learning experience. With a large space set aside for sports and games, VVIT has all the ingredients required for the all-round development of a student.

An important figure is our placement officer Mr. Dhananjay Kumar. He is always reliable and makes every effort to ensure that all the students are placed. These attributes and qualities are evident in the placement activities in the past years. The placement cell is well maintained with individual rooms for personal interviews and group discussions. Thus, students are trained to face every scenario during an interview.

A new addition to the college has been the R&D cell. Under the guidance of its director Dr. Dinesh K Anvekar, the R&D cell achieves strives to achieve new feats in the field of engineering. The Many innovative ideas have led to multiple projects being made. These have garnered praise from the media and won accolades at various competitions.

In conclusion, VVIT has been a home for many a student in the past couple of years. The faculty and students have become an extended family for us all.

Talents of VVIT

India and Nepal Relationship

Beauty of Nepal

DIPENDRA KUMAR MANDAL (1VJ18CSE02)

Nepal is a small, mountainous country situate in the heart of Himalayas. It is the birth place of Gautham Buddha and world's highest peak, Mount Everest holds its unique identity in the world. It's a country which is famous for its natural resources as ranked second richest country in water resources as it has a marvellous natural beauty which can be the best place for recreation and holidays from around the world. Nepal being a Hindu nation but has a tremendous caste and religion bounded by the sense of brotherhood and integrity.

Nepal is a country of brave Gurkhas and it is the birthplace of Lord Buddha and hence called light of Asia. Nepal is one of the most beautiful places in the world. It is a piece of heaven on earth. It is covered with high mountains, lakes, rivers and caves which are habitat of varieties of wildlife.

Pokhara is a metropolitan city in Nepal, which serves as the capital of GandakiPradesh.It is the country's second largest city in terms of both population and area. The city also serves as the headquarters of Kaski District. Pokhara is located 200 kilometres (120 miles) west of the capital, Kathmandu. The altitude varies from 827 metres (2,713 feet) in the southern part to 1,740 metres (5,710 feet) in the north. The Annapurna Range, with three out of the ten highest mountains in the world — Dhaulagiri, Annapurna I and Manaslu — is within 15–35 mi (24–56 km) of the valley.

Pokhara is considered the tourism capital of Nepal, being a base for trekkers undertaking the Annapurna Circuit through the Annapurna Conservation Area region of the Annapurna ranges in the Himalayas. The city is also home to many of the elite Gurkha soldiers.

As close neighbours India and Nepal share unique ties of friendship and co-operation characterised by an open border and deep routed people to people. Contacts of kinship and culture. There has been a long tradition of free movement of people across. Five Indian states, Sikkim, west Bengal, bihar, Uttarkhand and Utter pradesh over 1850km of border is shared with Nepal. The India Nepal treaty of peace and friendship officially named as "Treaty of Peace and Friendship" between government of nepal and government of India is Bilateral treaty between Nepal and India establishing a close strategic relationship between the two south Asian neighbours. The treaty was signed at katmandu on 31stjuly 1950 by the last Rana prime minister of Nepal Mohan Shumsher Jang Bahadur Rana and Indian ambassador to Nepal, Chandreshwar Narayan singh. India and Nepal have Power exchange agreement since 1971.

Operation Maitri (Operation Amity) was a rescue and relief operation in Nepal by the government of India and Indian armed forces in the aftermath of the April 2015 Nepal earthquake. India's response was started within 15 minutes of the quake. It started on 26 April 2015 and also involved Nepali ex-servicemen from India's Gurkha Regiments for interface for guidance, relief and rescue.

Nearly 6 million Nepal citizens live and work in India. Currently, about 32000 Gorkha soldiersfromNepalareserving in Indian Army. There lies aregular exchange of high level visits and interactions between India and Nepal. Indian Prime minister Shri. Narendramodi visited Nepal twice in 2014 on 3rd and 4th august for a bi-lateral visit and on 25th and 27thNovemeber for 18th SAARC summit. Nepal Prime Minister Mr. K P Sharma Oli paid a state visit to India on 19th to 24th February 2016.

5th Meeting of India-Nepal Joint Commission was held in Kathmandu on Wednesday. External Affairs Minister Dr. S. Jaishankar and his Nepalese counterpart Pradeep Kumar Gyawalico chaired the meeting. The Joint Commission reviewed entire gamut of bilateral relations.

AnMoU was signed between Food Safety and Standards Authority of India (FSSAI) and Nepal's Department of Food Technology and Quality Control on food safety and standards.

On this occasion a cheque of 2.45 billion Nepali Rupees was also handed over to Govt of Nepal towards reimbursement for housing reconstruction in Nuwakot and Gorkha districts.

Earlier soon after arriving in Kathmandu External Affairs Minister Dr.Jaishankar paid a courtesy call to Prime Minister K P Sharma Oliand also attended banquet hosted by Nepal's Minister for Foreign Affairs in his honour.

Women Empowerment

• DEEPA PATTAN

The empowerment and autonomy of women and the improvement of their political, social, economic and health status is a highly important end in itself. Hence, it is essential for the achievement of sustainable development. The full participation and partnership of both women and men is required in productive and reproductive life, including shared responsibilities for the care and nurturing of children and maintenance of the household. In all parts of the world, women are facing threats to their lives, health and wellbeing as a result of being overburdened with work and of their lack of power and influence. In most regions of the world, women receive less formal education than men, and at the same time, women's own knowledge, abilities and coping mechanisms often go unrecognized. The power relations that impede women's attainment of healthy and fulfilling lives operate at many levels of society, from the most personal to the highly public. Achieving change requires policy and programme actions that will improve women's access to secure livelihoods and economic resources, alleviate their extreme responsibilities with regard to housework, remove legal impediments to their participation in public life, and raise social awareness through effective programmes of education and mass communication. Education is one of the most important means of empowering women with the knowledge, skills and self-confidence necessary to participate fully in the development process. More than 40 years ago, the Universal Declaration of Human Rights asserted that "everyone has the right to education". help them shape and adapt to social and economic change. There are 130 million children who are not enrolled in primary school and 70 per cent of them are girls.

"A Crazy Ride"

VEERENDRA

7th Sem, CSE

These four years have been a crazy ride, All of us holding on together through high and low tide, But we had no fear, as there were mentors to guide, As we navigated through this sea, four years wide

The mentors were a lighthouse, guiding us on the way, They ensured that we never went astray, We'll be forever thankful to all the guides, Who helped us navigate this sea, four years wide

Friends are like fellow shipmen, With whom we laughed, cried and cherished this ride, We braved the storms of exams on this ride, As we navigated through this sea, four years wide

Now the journey has almost come to an end, Soon we'll all bid adieu to our college, But our friends and mentors will always remain in our memories,

For they were the constant companions with us overseas,

Sure, these four years have been a crazy ride, As we navigated through this sea, four years wide

I REMEMBER....

• SONIA S (1VJ16EC026)

I remember a time, when we went out to play Hide and seek, seventiles, hopscotch or just catch-catch;

A time when we indulged in simple pleasures,

Splashing in puddles, or just getting drenched in the rain.

I remember a time, when we listened to stories of yore

Of gallant heroes and beautiful heroines, Fairies and Ghosts;

A time when we visited fantasy lands with our fertile imagination

Or shared our thoughts with our friends.

I remember a time, when parents did not monitor playtime

Or pressurize us into attending various classes after school

A time when we need to be first in everything

Or measure everything in material terms,

I remember a time, when we curled up with books

Lost in the magic of the written words;

No T.V, nocomputers, no mobiles or I-Pads And I lament the loss of my childhood days...

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भाषरी 0 मीरी जगह खुद की रेक्के ती देखी। मीरी जगह रहद की रक्की ती देखी। मर हि जावीगे, जब रहद की मीरे जैसा पावीगी। @ वी मीरे पास उस वक्त ही हीते है। वी मीरे पास उस बक्त ही हीते हैं। जब उन के जाश कोई नहीं हीता है। 3 अपने दिल का हाल हर मक की मत बताया करी। अपने दिल का हाल हर फाक की मत बताया केरी 1 'पह तमार्ग बनने में देर नहीं जगती । () में जी हालात हैं मेरे मन देन सुदर चे जी हात्तत हैं मेरे जाक दिन सददर जाचेगे। जीकन बीहत से लौग मीरे दिल से उतर जायेगे । INDÚ 1vj17ec007 ,

Vvit ಕಾಲೇಜ್ ನಾ ಕೊನೆಯ ದಿನಗಳು(ಜೋಕ್ಸ್) ^{Mechanical}

ಶಿಕ್ಷಕರು: ನೀವು ಬಿಟ್ಟು ಹೋದ ಜಾಗದಲ್ಲಿ ನಾವು ಯಾರ ಭಾವ ಚಿತ್ರ ಅಂಟಿಸಲ್ಲಿ ಅದು ನಿಮ್ಮ ಸ್ಥಾನ ತುಂಬುವುದೆ....

ಸ್ಟೂಡೆಂಟ್ಸ್: ನೀವು ಹೇಳಿ ಕೊಟ್ಟ ಪಾಠದಲ್ಲಿ ಯಾವುದಾನೆಲ್ಲ ನೆನಪಿಟ್ಟು ಕೊಳಲ್ಲಿ ಅದು ನಮ್ಮ ತಲೆಯಲ್ಲಿ ಸ್ಥಿರವಾಗಿ ಉಳಿವುದೇ

ಸಂದೇಶ ಆರ್

ತಿದ್ದ ತಿ ತೀಡದೆ ಅಂದ ಕಾಶ ಖಕ್ತದೆ ಕೇಕ್ತದೆ ಬೆಳೆಯ ಗ ನಿಂದನೆಗೆ ನೋವಿಗೆ ಅಶುಕಿ ಬದುಕು. ಕಂಬಳ ಶ್ಯಶುವಿನಿಂದಲೆ ಗ್ರತ್ತದ್ವರು ಕಂಬಳ ಶ್ಯಶುವನ್ನು ಯಾ ಕಾಗೆಯ ಸಾವೆಚ್ಚೆ ಒಳ ಜೀವನದಲ್ಲ ಯಕಸ್ಕಾಯ ಯಾರು, ಆದರಿಸುವುದೇ VIJAYA VITTALA INSTITUTE OF TECHNOLOGY Service in Quality Technical Education

ಕವನ

ಸವಿಯಾಗಿ ಬರೆಯಲು ಕವಿಯು ನಾನಲ್ಲಾ, ಸ್ಥಿರವಾಗಿ ಉಳಿಯಲು ಈ ಭೂಮಿಯು ನನ್ನದಲ್ಲಾ, ಏನೆಂದು ಬಗೆಯಲ್ಲಿ ಈ ಹರಿದು ಹೋಗುವ ಹಾಳೆಯಲ್ಲಿ, ಆದರೂ ಬರೆಯುವೆ Vvit(mech)ಸಿಹಿ ನೆನಪುಗಳೊಂದೆ ಈ ಪುಟ್ಟ ಹೃದಯದಲ್ಲಿ.....

ಸಂದೇಶ ಆರ್

कास, जिंदगीसचमूचकिताबहोती पढ़सकतामैकीआगेक्या होगा ? क्यापाउँगामैऔरक्यादिल खोयेगा ? कबथोड़ीख़ुशीमिलेगी,कबदिलरोएगा ? कास,जिंदगीसचमूचकिताबहोती,

फाड़सकतामैउनलमहोको जिन्होनेमुझेरुलायाहै... जोड़ताकुछपनने जिनकीयादोनेमुझेहसायाहै... हिसाबतोलगापाताकितना खोयाहैऔरकितनापायाहै ? कास, जिंदगीसचमूचकिताबहोती,

वक्तसेआखेचुराकरपीछेचलाजाता..... टूटेसपनोकोफिरसेआरमानोसेसजाता कुछपलकेलिएमैभीमुसकुरता, कास, जिंदगीसचमुचकिताबहोती !

PRAKASH KUMAR SAH
1VJ16CV058, 7th Sem, Civil

Check Mate

THE CHESS I PLAY IS THE GAME I PLAY THE LIFE AND DEATH OF THE KING IN MY HAND

THE CHESS IS NOT JUST A GAME A WAR BETWEEN THE TWO KINGDOM TO PROTECT THE KING WHO HAS THE POWER

SOME SACRIFICES HAS TO BE MADE TO SAVE AS WELL AS TO DEFEAT IN THE BORDER OF SIXTY FOUR SQUARES IN THE BOARD

THE COLOR BLACK AND WHITE IDENTIFIES YOU TO CHOOSE THE KING TO RULE BECAUSE YOU ARE THE KING MAKER

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• VIGNESH, 5th Sem

• VINAY KUMAR T C, 1VJ18CSE07, ?th Sem

Canacona beach, Goa

• VINAY KUMAR T C 1VJ18CSE07, ?th Sem

• ASHISH, 7th Sem

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• ELVIN, 5th Sem

• KUSHAAL, 5th Sem

• AVINASH, 7th Sem

COVID - 19 Precautions

• SANDESH, ????th Sem

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Chief Guest

Dr. KARISIDDAPPA

Honourable Vice Chancellor, VTU

Guest of Honour

Dr. VENUGOPAL K R Honourable Vice Chancellor, Bangalore University

Saturday, 13th April 2019 | 9.30 am onwards

VIJAYOTSAVA

Decennial College Day Celebration

Y E A R S Service in Quality Technical Education

*

Civil, VIII sem, B.E.- Class of 2019

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L-R 1st Row: Gururaj, Irfan, Ajay Kumar S Pawar, Qayyum Pasha, Debendra Kumar Yadav, Mahesh Kumar Pandit, Vishwanath, Anupam Gowda M N, Pratheek S, Sushil Timilsina.

2^m Row: Shiva Poudel, Vikas B, Malo Dai, Nagappa Biradar, Adarsh Chemmery, Dayanand, Chandrashekhar Reddy, Kishun Dev Mandal, Kruthika R Golla, Krishna Vishwakarma, Suraj Kumar Mishra, Prakash Kumar Sah, Khalid Husain Ansari, Santhosh Kumar Chaudhary, Pratham Paw Purbaraj, Narayan Shreshta, Shrichan Mukhiya, Ashish Kumar Mandal 3^m Row Sitting (Staff): Lavina E Joseph, Aswathy M Nair, Parvathy Sankar, Kavitha A S, Sushma R Pattar, Shruthi L S, Dhanashree N Nerlikar, Shridevi Chikkur, Rajendra S, Virendra Kumara K N, Ravichandra R, Pradeep Chavan, Manjunath C S, Ravi J, Raghunandan M H

Computer Science and Engineering, IV Sem, B.E - Class of 2021

L-R 1st row: Nitish, Shashi, Danish, Ravi Raj, Ambuj, Ayan Uddin, Rinku Paul, Mohammed Usama, Md. Shadhab Siddiq, Chandresh S., Amar Maha-Tho, Chabikanth S, Anil Yadav, Kanayya N. K, Anshu Kumar

2ND ROW: NANDHINI K, KAVANA, THARANI, IRUM HUSSAIN, SARASWATHI GOWALA, ANJALI RAY, DORMI GOGOI, HASHA SAW, HARSHITHA S.

3⁸⁹ ROW: SITTING(STAFF) DEEPA PATTEN, DR. SYED ASIFULLA, TRISEELA S, MANGALA M PATIL, DR. S. RAJENDRA, DR. SUNIL KUMAR G, MANJUNATH M, SHREESHAIL D A, MUSEF KHAN, GEETHA C.

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L**-R 1st row:** Nitish, shashi, danish, ravi raj, ambuj, ayan uddin, rinku paul, mohammed usama, md. shadhab siddiq, chandresh S., amar mahatho, chabikanth S, anil yadav, kanayya n.k, anshu kumar.

2ND ROW: NANDHINI K, KAVANA, THARANI, IRUM HUSSAIN, SARASWATHI GOWALA, ANJALI RAY, DORMI GOGOI, HASHA SAW, HARSHITHA S.

3⁸⁰ Row: Sitting(Staff) deepa patten, dr. Syed Asifulla, Triseela S, Mangala M Patil, dr. S. Rajendra, dr. Sunil kumar G, Manjunath M, Shreeshail D A, Musef Khan, geetha C.

Class of 2019 ш. VIII Sem, B. Computer Science and Engineering,

L-R 1st ROW: NOOR MAAZ, MD. RUMAN, PRADEEP, GANESH B, SANGAM, BIKASH GUPTA, AASHISH, LALIT, SAGAR D, MALTESH GOUDA

2ND ROW: RAGHU K, ARBIND KUMAR, RAHUL S, DEV NARAYAN, RAJ KUMAR, RAKESH H R, RAHULKUMAR

3¹⁰ ROW: SHAMAIL, HUSNA, DARSHINI, SARASWATHI, CHAITRA, CHANDANA, DEEPA R, YASHWINI, K THARANI K, SRI RAJESHWARI, KEERTHANA D.

5TH ROW: SITTING(STAFF) DEEPA PATTEN, GEETHA C, DR. SYED ASIFULLA, TRISEELA S, MANGALA M PATIL, DR. S. RAJENDRA, DR. SUNIL KUMAR G, MANJUNATH M, SHREESHAIL D A, MUSEF KHAN, DR. LOKESH M R. 4TH ROW: VINEETHA, SINDHU, APEKSHA, RAMYA, HARI PRIYA, PRIYANKA R, LAVANYA G K, RANGITHA, LAVANYA N C, VARSHINI, LIKITHA, SHEETHA L.

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L-R 14 ROW: SANDESH KHADKA, NITESH KUMAR, GYAMAR ACHI, LANGKU SONAM, JIBACCHA KUMAR, DILIP KUMAR SARDAR.

2[№] ROW: SYED RAZIQ, SYED IRFAN, Z.LUQMAN, DEEPAK YADAV, SHAMBHU PRASAD, NAVEEN KUMAR, LAVANYA, BRUNDA, PAPPU SAH, RABINDRAKUMAR, TALI RAVA, HARI NARAYAN ADHIKARI.

3™ ROW: SITTING(STAFF): ANJUMAN, SHARON SHETTY, DR. VIRENDRA KUMARA K N, DR. RAJENDRA S, MRS. DHANASHREE N NERLIKAR, MRS. UTHPALA R V. MS. CHAITRAKUMARI K L, YAGRI DADA.

Mechanical, VIII Semester, BE - Class of 2019

FIRST ROW: NIKHIL GOWDA R S, SANJU M, MOHITH S, BHARATH B R, MAHESH KUMAR, ROOPA N, BRUNDA S, BHARGAV V, ASIF A, KISHORE KUMAR YADAV V M, MD ALIHAIDER NADAF, GAURAV KUMAR MEDHI, SYED SARFARAZ ASRAF, SACHIN SHARMA, SUNIL KUMAR RAI.

SECOND ROW: PROF. SHIVAKUMAR H, PROF. DEEPAK G, PROF. SUNDEEP Y, PROF HANUMANTHLAL S, PROF. ANNOJI RAO T M, DR. KRISHNAMURTHY N, DR. RAJENDRA S, PROF. PRASHANTH KUMAR S T, PROF. KISHORE H, PROF. GANESH NAYAKA, PROF. SANATH KUMAR K H, PROF. SRINIVAS M K , PROF. PAMPAPATHI, PROF. HARSHA S.

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Mechanical, VI Semester, BE - Class of 2020

FIRST ROW: Sachin Sharma, Gaurav Kumar Medhi, Asif A, Kishore Kumar Yadav V M, Bharath B R, Mahesh Kumar.

SECOND ROW: Micheal Raj, Bhargav V, Prakash Subhana, Hemanth R, Narasimhaiah HM, Raghavendra H M, Anil Kumar S, Mahantesh, Mohith S, Alfayaz K Kammar, Suman Kumar Mandal, Govind B G, Nanda Kishore Yadav.

THIRD ROW: Prof. Shivakumar H , Prof. Deepak G, Prof. Sundeep Y, Prof. Hanumanthlal S, Prof. Annoji Rao T M, Dr. Krishnamurthy N, Dr. Rajendra, Prof. Prashanth Kumar S T, Prof. Kishore H, Prof. Ganesh Nayaka, Prof. Sanath Kumar K H, Prof. Srinivas M K, Prof. Pampapathi, Prof. Harsha S.

ECE Engineering VIII Semester - Class of 2023

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Mechanical Department VIII Semester - Class of 2023

Computer Science and Engineering - VIII Semester - Class of 2023

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3rd Rank **SANJAY GOWDA S** M.Tech (Construction Technology)

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