K.L.E SOCIETY'S

BACHELOR OF COMPUTER APPLICATION

G.H. COLLEGE, HAVERI 581-110

inspire

2K21

VISION

TO BECOME A SOURCE OF
ENLIGHTENMENT AND EMPOWERMENT
FOR THE SEEKERS OF KNOWLEDGE.

MISSION

TO MOTIVATE THE STUDENTS TO BE SOCIALLY
RESPONSIBLE, PRODUCTIVE AND USEFUL
CITIZENS OF THE GLOBALIZED WORLD.

GOALS &OBJECTIVES

❖ TO ATTRACT YOUNG MINDS TO THE POTENTIALLY RICH AND EMPLOYABLE FIELD.

❖ TO BE FOUNDATION GRADUATE PROGRAM THAT WILL ACT AS A FEEDER COURSES FOR HIGHER STUDIES IN THE AREA OF COMPUTER SCIENCE APPLICATIONS.

❖ TO DEVELOP SKILLS IN SOFTWARE DEVELOPMENT, SO AS TO ENABLE THE BCA GRADUATES TO TAKE UP SELF-EMPLOYMENT IN INDIAN GLOBAL IT MARKET.

❖ TO TRAIN AND EQUIP THE STUDENTS TO MEET THE REQUIREMENT OF GLOBAL INDUSTRIAL STANDARDS.

2021

K.L.E SOCIETY'S
BACHELOR OF COMPUTER APPLICATION
G.H. COLLEGE, HAVERI 581-110

ABOUT BACHELOR OF COMPUTER APPLICATION

The KLE Society's BCA G.H. College was started in the year 2007. Our department is a hub for dedicated, talented and experienced teachers who motivate and energize the students to achieve the best. Bachelor of Computer Application consists of highly experienced staff, they have been evincing keen interest in their subjects and have passion for transmitting their knowledge to students. It imparts comprehensive knowledge with equal emphasis on theory and practice in the fields of Information Technology. The college provides the professional touch to the education given through BCA.

CHAIRMAN MESSAGE

As the KLE Society stands on the threshold of a century of service I look back with joy at the extent of all that has been achieved. I am humbled too, for I am the torch-bearer of an illustrious tradition of knowledge dissemination that has made a positive difference to the lives of countless thousands. The KLE Society began in a humble way with the establishment of a single institution in the educationally backward North Karnataka region in 1916. Over the years, it has grown into a virtual knowledge movement and presently encompasses as many as 250 institutions, 16,000 employees, around 1, 25,000 students and KLE Health University. A new chapter now dawned at the KLE Society with the launch of the KLE Technological University (Under Karnataka University Act, 2013) in its fold. Each of these institutions, like the honey bee, sources knowledge from far and wide and converts it into refined educational curricula that benefits knowledge seekers. In the process, it brings about change & progress among the individuals, in the community and the society at large to make a world of difference! What the KLE Society is today is the result of the cumulative efforts and selfless striving of many, over the decades. But it was the spark lit by the founders- and the visionaries around them - that enabled all that followed as a beacon of hope that lights up the educational landscape. Being at the helm, at this proud moment in the KLE Society's history, continue to draw inspiration from the original spark, in the commitment to spread the light even further.

Dr. Prabhakar B. Kore.
Chairman, KLE Society, Belagavi.

PRINCIPAL MESSAGE

K.L.E'S Bachelor of Computer Application G.H. College primarily aims to nurture the hidden potential in students, providing an ideal platform for them to channelize their creative outpourings and lend expression to their thoughts and views on various aspects in peaceful manner.

Our Institution believes that the purpose of education is to turn mirrors into windows, and as such are focused not only on pure studies but also on providing opportunity to each student to explore his or her own proficiencies and their area of interest - curricular, co-curricular or extra-curricular. We aim to develop soft skills that will equip them to manage and lead the diverse opportunities and challenges of the society with an added edge.

The continuous growth in information and communication related technologies in the recent past has brought about outstanding changes in various aspects of human life and led to the creation of a knowledge based society where knowledge is the most powerful tool for success. In the context, of being acquainted to the modern technical advances in various fields has become an extreme need of the hour. Hence, apart from delivering exceptional academic content and development of skills through practical experiences, the students are encouraged to develop interpersonal skills through interaction with conversant resource persons. Various modules are chalked out to make them "industry ready". Placement of young energetic budding students is of prime importance to all of us. A systematic development and overall confidence building through bridge courses and weekly programs is unique of our institution.
We believe that complete development of a student into a holistic person requires active participation of the parents too. Thus the institution is in constant touch with parents informing them about the performance of their wards through correspondence and dialogues.

Dr. Sandhya R. Kulkarni
Principal
KLE Society's Gudleppa Hallikeri College, Haveri

FROM BCA COORDINATOR'S DESK....

Our BCA department believes that the purpose of education is nothing but overall personality development of the student. Hence focus is given not only to curriculum but also to co-curricular activities , providing opportunities to every students to explore his or her area of interest. I feel proud being the coordinator of such an esteemed department, where the management, the teaching and non-teaching staff members are committed to the holistic development of the young minds.

This year the theme of the “INSPIRE” Magazine focuses on our journey through the student golden life. It is commendable that students have such creative talents and we are more than happy to provide them a platform to express themselves. I congratulate every student and faculties who has contributed and shared his or her creative ideas in the magazine. I hope you enjoy reading this magazine as much as we all have enjoyed working on it.

PROF. VENKATESH KALAL
BCA COORDINATOR
KLE'S BCA G.H. COLLEGE , HAVERI.

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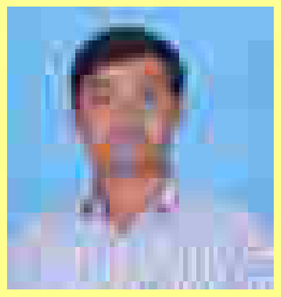

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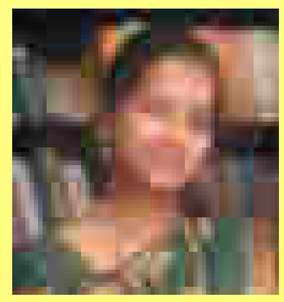
Lab Instructor



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DEPARTMENT ACTIVITIES

INAUGURATION OF BCA IN HOUSE EVENT 2021

BCA FORUM

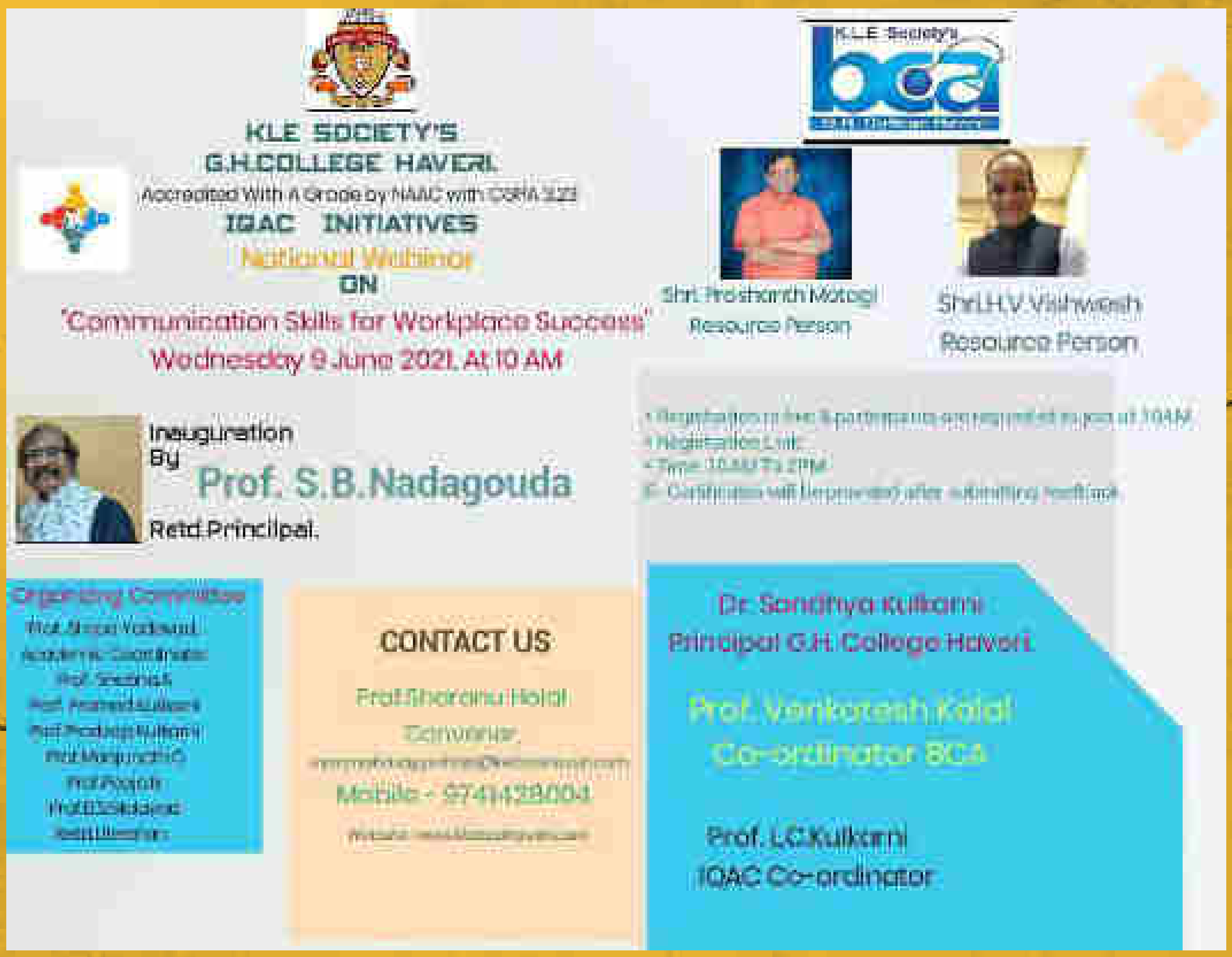
Kshitij

FLYING TOWARDS ENDLESS OPPORTUNITIES

A PLATFORM TO EXHIBIT STUDENT'S TALENT

BCA FORUM EVENTS

WEBINARS CONDUCTED



"COMMUNICATION SKILLS FOR WORKPLACE SUCCESS"

This workshop is conducted for all the faculties and students of KLE SOCIETY'S GH COLLEGE HAVERI on 9th JUNE 2021. We thank all the faculties and students for making WEBINAR successful.

"JAVA FRAMEWORKS"

THIS WORKSHOP IS CONDUCTED FOR SECOND AND FINAL YEAR STUDENTS OF KLE'S BCA G.H. COLLEGE HAVERI. WE THANK ALL THE STUDENTS FOR MAKING WEBINAR EVENT SUCCESSFUL.

"INTRODUCTION TO MACHINE LEARNING "

THIS WORKSHOP IS CONDUCTED FOR FIRST, SECOND, THIRD YEAR STUDENTS OF KLE'S BCA G.H. COLLEGE HAVERI. WE THANK ALL THE STUDENTS FOR MAKING WEBINAR SUCCESSFUL.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FINAL YEAR BATCH 2021

BCA 6TH SEM A SECTION 2021 BATCH

BCA 6TH SEM B SECTION 2021 BATCH

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Qualified NCC C Cirtificate

Madhushree K 6th B

Sangeeta C 6th B

Neelambhika K 6th B

Rashmi Yogi 6TH B

Shambulinga R 6th A

Qualified NCC B Cirtificate

Mahesh Kumar, 4thA

SUNIL H. LAKKAMMANAVAR

from KLE'S BCA G.H. COLLEGE HAVERI.

He has received BHARAT SCOUTS AND GUIDES **"RAJYAPURASKAR AWARD"** for the year 2019-2020.

DASTAGEER

from KLE'S BCA G.H. COLLEGE HAVERI.

He has participated in TWO-DAYS NATIONAL LEVEL TECHNICAL FEST ADVITIYA-21 and has won 1st place in TECHNICAL QUIZ.

He also has participated in SWAYAM-2021 conducted by MVJ COLLEGE OF ENGINEERING and secured 2nd place in AD MAD event.

TOPPERS 2019-20

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RAJESH KUNTAKOTI
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BCA 2nd YEAR
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PRIYANKA
MAILALINGASHETTI
BCA 3rd YEAR
77.13%

SHIVARAJAYYA HIREMATH
BCA 3rd YEAR
77%

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KRISHNA G GITTE	INFOSYS, ICICI
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ICICI

ARJUN SINGH
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Technical Articles

RED TACTON

ABSTRACT: RedTacton is an user-friendly persuasive technology that establishes a communication between people and objects in an closer proximity. This paper proclaims model of an human area networking technologies that enables communication by means of "Touching". Human Area Networking transmits with mobile terminal and terminals that are embedded in environment. Redtacton technology was implemented to overcome the weak radio signals, data speeds and security –risks on unwanted signal interceptions. Here, human body is the transmitting medium supporting IEEE 802.3 half-duplex communication at 10 Mbits/s. Redtacton uses the minute electric field generated by human body as an medium to transmit the data. In,this paper it implies that RedTacton technology is based on the principal of Human Area Networking..

Keywords:Red Tacton,Human Area Network,IEEE 802.3,etc

1.1WHAT IS RED TACTON?

Red Tacton was introduced by Nippon Telegraph and Telephone Corporation (NTT) who combined touch and action to coin the term Tacton, and then added the word Red – a warm color – to emphasize warm and cordial communications, creating the name RedTacton. It is a technology that uses the surface of the human body as a safe, high-speed network transmission path.

§ RedTacton uses the minute electric field emitted on the surface of the human body. Technically, it is completely distinct from wireless and infrared.

§ A transmission path is formed at the moment a part of the human body comes in contact with a RedTacton transceiver. Physically separating ends the contact and thus ends communication.

§ Using RedTacton, communication starts when terminals carried by the user or embedded in devices are linked in various combinations according to the user's natural physical movements.

§ Communication is possible using any body surfaces, such as the hands, fingers, arms, feet, face, legs or torso. RedTacton works through shoes and clothing as well.

Ea – Eb – Ec = Es

Ea : Electric field induced by the transmitter

Eb :Electric field returning to the ground of the transmitter

Ec :Electric field at the receiver

Es :Detected electric field at the receiver.

INTRODUCTION

We are heading toward an electronic future where information will be accessible at our fingertips, whenever and wherever needed. Some of the computing and communication equipment required to provide this intimate and immediate access to information will be incorporated into our attire. Just as a glance at today's wristwatch saves a trip to the nearest clock, a glance at tomorrow's wristwatch will replace finding a terminal to check e-mail.

Red Tacton is a new Human Area Networking technology that uses the surface of the human body as a safe, high-speed network transmission path. Red Tacton is a break-through technology that, for the first time, enables reliable high-speed HAN. In the past, Bluetooth, infrared

2. FEATURES:

RedTacton has three main functional features they are given as follows,

Touch: Touching, gripping, sitting, walking, stepping and other human movements can be the triggers for unlocking or locking, starting or stopping equipment, or obtaining data.

Broadband & Interactive: Bandwidth does not deteriorate even with duplex operations and simultaneous access by many users! Duplex, interactive communication is possible at a maximum speed of 10Mbps. Because the transmission path is on the surface of the body, transmission speed does not deteriorate in congested areas where many people are communicating at the same time.

§Any media: In addition to the human body, various conductors and dielectrics can be used as transmission media. Conductors and dielectrics may also be used in combination.

3. METHEDOLOGY

RedTacton takes a different technical approach. Instead of relying on electromagnetic waves or light waves to carry data, RedTacton uses weak electric fields on the surface of the body as a transmission medium.

·The RedTacton transmitter induces a weak electric field on the surface of the body.

·The RedTacton receiver senses changes in the weak electric field on the surface of the body caused by the transmitter.

·RedTacton relies upon the principle that the optical properties of an electro-optic crystal can vary according to the changes of a weak electric field.RedTacton detects changes in the optical properties of an electro-optic crystal using a laser and converts the result to an electrical signal in an optical receiver circuit.

4. APPLICATIONS

Red Tacton has a wide variety of applications,

§Attribute information recorded in the RedTacton device is sent to the touched objects.

§The appropriate service is provided based on the attribute information received by the RedTacton receiver.

§RedTacton devices embedded medicine bottles transmit information on the medicines' attributes. If the user touches the wrong medicine, an alarm will trigger on the terminal he is carrying.

§When a consumer stands in front of an advertising panel, advertising and information matching his or her attributes is automatically displayed. By touching or standing in front of items they are interested in, consumers can get more in-depth information.

§Print out where you want just by touching the desired printer with one hand and a PC or digital camera with the other hand to make the link.

§Complicated configurations are reduced by downloading device drivers "at first touch".

§Transfer songs to portable music players from notebook PCs with just a touch.

§Communication can be kept private using authentication and encryption technologies.

§Group photos taken with digital cameras are instantly transferred to individual's mobile terminal.

§Diagrams written on whiteboards during meetings are transferred to individual's mobile terminals on the spot.

§Your own phone number is allocated and billing commences.

§Automatic importing of personal address book and call history.

§The PC is configured to the user's specifications simply by touching
the mouse.

§Users can listen to music from a Red Tacton player simply by putting on a headset or holding a viewer.

§Connecting head-mounted displays.

§ Carrying a mobile RedTacton-capable device in one's pocket, ID is verified and the door unlocked when the user holds the doorknob normally.

§ Secure lock administration is possible by combining personal verification tools such as fingerprint ID or other biometric in the mobile terminal.

6. FUTURE DEVELOPMENTS

RedTacton has a wide range of unique new functional features and enormous potential as a Human Area Networking technology. NTT is committed to quickly identifying and opening up those application areas with the most commercial promise for RedTacton, a business development process to be coordinated under NTT's.

Advantages

§Data transfer is faster and easier through this technology.

§Data loss during transfer is minimum.

§Use of minimum amount of power.

§Security is more.

· Data transfer is faster and easier through this technology.

· Data loss during transfer is minimum.

· Use of minimum amount of power.

· Security is more.

Disadvantages

§It is been used only within a few centimeters.

§Cost is more.

· It is been used only within a few centimeters.

· Cost is mor

CONCLUSION

This technology definitely stands out with perfection, when the transfer of data is fast, feasible and more importantly reliable. So, in a few years from now, everything is going to fall under this super technology.

Prof. Shilpa M.Yadawad
KLE'S BCA G.H. College
Haveri

CYTHON ARTIFICIAL INTELLIGENCE

ABSTRACT:

Cython and SciPy is a programming language based on Python with extra syntax to provide static type declarations. This takes advantage of the benefits of Python while allowing one to achieve the speed of C. In this paper we describe the Cython language and show how it can be used both to write optimized code and to interface with external C libraries

Keywords: Cython, SciPy C and language

INTRODUCTION

Cython is a programming language based on Python, with extra syntax allowing for optional static type declarations. It aims to become a superset of the [Python] language which gives it high-level, object oriented, functional, and dynamic programming. The source code gets translated into optimized C/C++ code and compiled as Python extension modules. This allows for both very fast program execution and tight integration with external C libraries, while keeping up the high programmer productivity for which the Python language is well known. The primary Python execution environment is commonly referred to as CPython, as it is written in C. Other major implementations use Java (Jython [Jython]), C# (IronPython [IronPython]) and Python itself (PyPy [PyPy]). Written in C, CPython has been conducive to wrapping many external libraries that interface through the C language. It has, however, remained non trivial to write the necessary glue code in C, especially for programmers who are more fluent in a high-level language like Python than in a do-it-yourself language like C.

Many scientific Python distributions, such as the Enthought Python Distribution [EPD], Python(x,y) [Pythonxy], and Sage [Sage], bundle Cython and no setup is needed. Note however that if your distribution ships a version of Cython which is too old you can still use the instructions below to update Cython. Everything in this tutorial should work with Cython 0.11.2 and newer, unless a footnote says otherwise. Unlike most Python software, Cython requires a C compiler to be present on the system.

The details of getting a C compiler vary according to the system used:

• Linux The GNU C Compiler (gcc) is usually present, or easily available through the package system. On Ubuntu or Debian, for instance, the command sudo apt-get install build-essential will fetch everything you need.

• Mac OS X To retrieve gcc, one option is to install Apple's XCode, which can be retrieved from the Mac OS X's install DVDs or from

BUILDING CYTHON CODE

Cython code must, unlike Python, be compiled. This happens in two stages:

• A .pyx file is compiled by Cython to a .c file, containing the code of a Python extension module

• The .c file is compiled by a C compiler to a .so file (or .pyd on Windows) which can be imported directly into a Python session. There are several ways to build Cython code:

• Write a disputes setup.py.

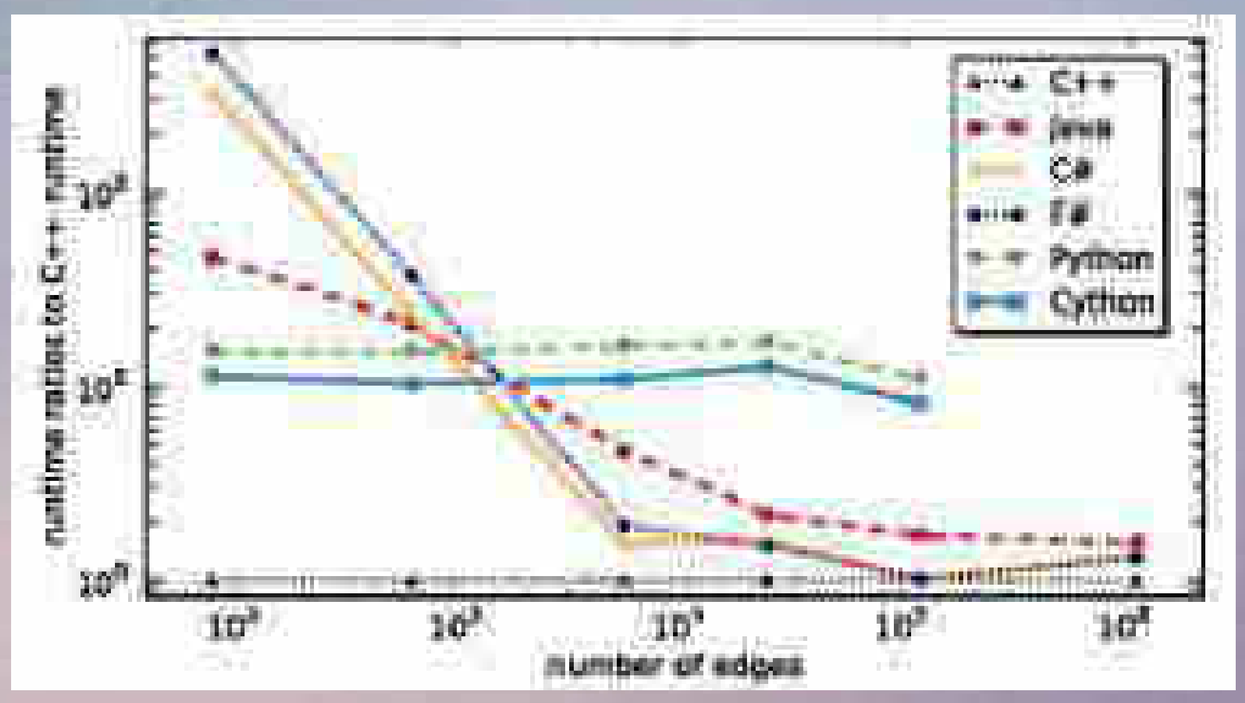
• Use pyx import, importing Cython .pyx files as if they were .py files (using disputes to compile and build the background).

• Run the cython command-line utility manually to produce the .c file from the .pyx file, then manually compiling the .c file into a shared object library or .dll suitable for import from Python. (This is mostly for debugging and experimentation.)

• Use the [Sage] notebook which allows Cython code inline and makes it easy to experiment with Cython code without worrying about compilation details (see figure 1 below). Currently, disputes is the most common way Cython files are built and distributed.

EVALUATION

To evaluate the effectiveness of the Core Function framework we consider two operations, addition and vector normalization. In addition, we implement the computational kernel portion of an existing particle simulation as a single function operation



CONCLUSION

The major design decisions of the Cython language were developed by Greg Ewing as part of that project. Today, Cython supersedes the capabilities of Pyrex by providing a higher compatibility with Python code and Python semantics, as well as superior optimizations and better integration with scientific Python extensions like NumPy.

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Prof. Shobha Agasibagil

KLE'S BCA G.H. College

Haveri,

AMPHIBOT

ABSTRACT An amphibious robot is a robot that can move on both land and water and perform various tasks that are either difficult or impossible for human beings. This can be done in various ways like taking inspiration from movements of amphibians such as snake, eel, salamander, fish and centipede and building robots similar to them or build a robotic vehicle and provide additional mechanism for movement in water.

The amphibious surveillance robot is aerodynamically designed to move in both water as well as land. The movement in land is by two wheels powered by 100rpm motors and an idle wheel for balancing at the rear end. The water movement is by a set of fan like paddles which is directly mounted on the wheels. This robot moves in different terrains and conditions and also in water. The robot is controlled by wireless control system using a microcontroller circuit. The surveillance is done by the wireless camera which transmits the live video to the output device i.e. laptop or TV. This system uses RF waves for transmission.

Keywords: Amphibious mechanism, Aerodynamic design, motors, idle wheel, microcontroller, propeller, camera, live video, RF waves.

INTRODUCTION

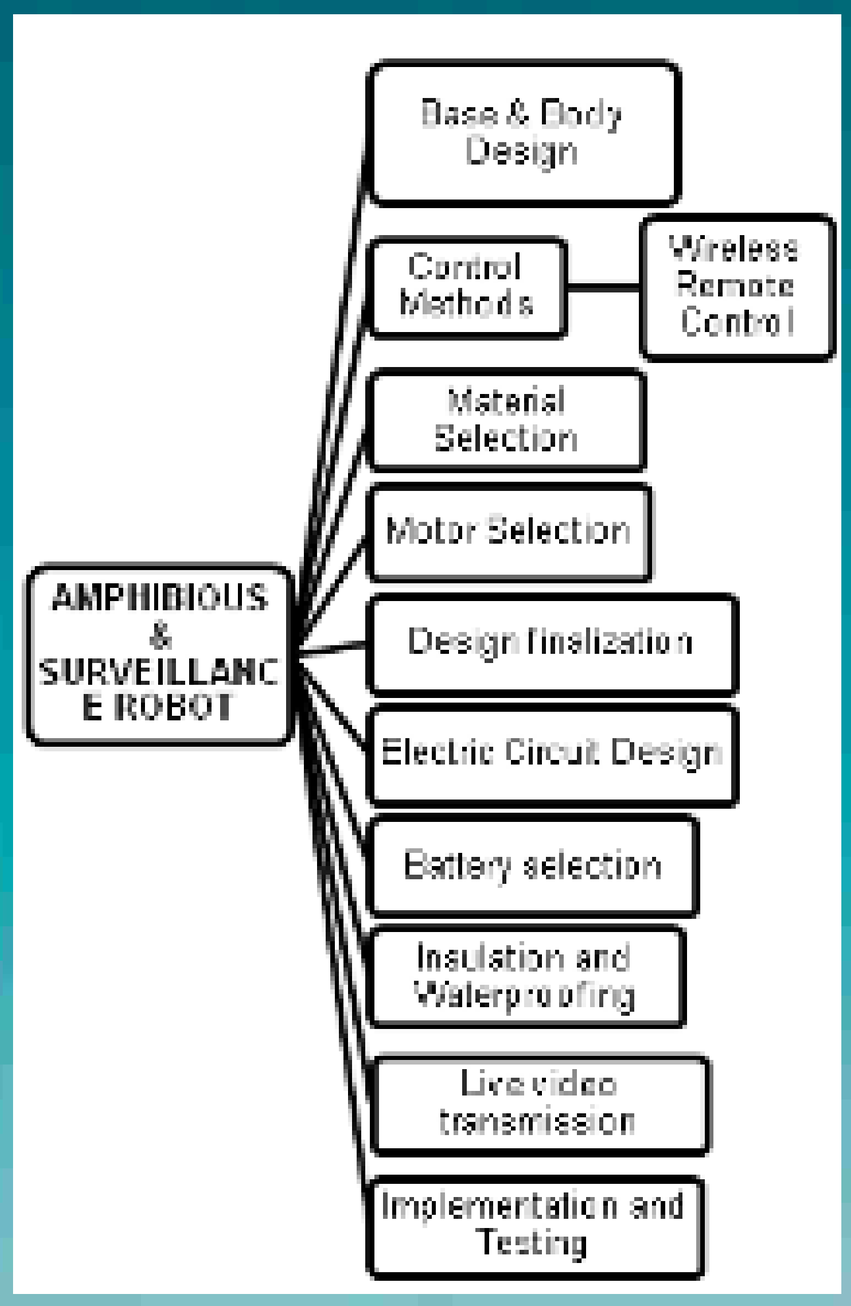
As we all know there are various amphibious robots already have been built, But the existing ones are underwater robots; one which is building is a robot which floats on water. To understand the need our robot, let us take a situation into account.

Some people have gone to a dense forest for a survey and there is certain small den or small passage which they can't pass through but they want to do survey then they need a surveillance robot. And when the robot moves through such places there may be different types of terrains and obstacles. Also, there may be water surfaces hence we need the robot which moves through water as well. And hence we need live transmission camera as well for the same purpose.

ELECTRICAL COMPONENTS

·AT89S51 : CMOS 8-BIT MICROCONTROLLER WITH 4K BYTES OF IN- SYSTEM PROGRAMMABLE FLASH MEMORY.
·ANTENNA : WITH A RADIO TRANSMITTER OR RADIO RECEIVER
·HT12E :ENCODER
·L293D : HIGH-CURRENT HALF-H DRIVERS
·HT12D : DECODER
·DC MOTOR : 3.5 RPM
·LM78XX :VOLTAGE REGULATOR

ROBOT DESIGN



WORKING

Transmitter : The transmitter is the PCB module which transmits the required data efficiently with less interference. It consists of a input keypad, HT12E [Encoder], transmitter, antenna. The input is predefined as the keys are given specific functions like 1 for straight, 2 for reverse and so on. These signals are sent to HT12E which encodes the signals into binary codes. These codes are transmitted from the transmitter at the frequency of 433MHz via antenna. The transmitter is the device which is to be controlled by an operator.

Receiver : The receiver is also a PCB module which is used to receive the transmitted data and send it to further processing. This consists of an antenna, receiver, HT12D [Decoder]. The data sent from the transmitter is received by the receiver antenna. As the receiver is also tuned to 433MHz there is no problem in reception of the signals. The received data which is in binary form is decoded to electrical signals with the help of a decoder [HT12D]. The decoded signal is sent to microcontroller where the control process takes place.

MICROCONTROLLER IS THE MAIN PART OF ANY CONTROL SYSTEM. THE MICROCONTROLLER USED HERE IS 89S51MC4. ITS GENERAL LAYOUT IS GIVEN IN THE FIG5.1, IT HAS 40 PINS. THE MAIN COMPONENTS OF A MICROCONTROLLER CIRCUIT ARE MICROCONTROLLER, CRYSTAL, DRIVER IC'S. THE INPUT DATA FROM THE RECEIVER IS SENT TO MICROCONTROLLER WHICH IS RECEIVED AT 433MHZ GENERATED BY THE CRYSTAL. THE PROCESSED DATA IS SENT TO THE DRIVER ICS WHICH DRIVES THE MOTORS. THE DRIVER ICS USED IS L293D.

Prof. Pradeep Kulkarni
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Non Technical

Articles

SOCIAL REFORMATION IN 12TH CENTURY SHARANA MOVEMENT

India is a country of diverse religions, culture, languages and customs. It is very essential to learn these diversities. If one were to understand the prevalent religious values, arts, literature, religious practices, histories of religious Gurus one will have to understand the great nation.

In Karnataka one in every five person belongs to Lingayath religion. In the 3 prominent districts such as Vijapura, Dharwad and Belagavi of North Karnataka every second person is a Lingayath. In the adjacent districts of Kalabuargi, Raichur, Bidar, Bagalkot and Ballari the present of Lingayaths are seen. According to Madara Chennaiah, Kembhavi Boganna, Kondaguli Keshiraja and Jedara Dasimayya we have learn that even before the advent of Basavanna there existed the Lingayatha Dharma! In fact, Basavanna consolidated the Lingayatha religion. In the 12th century Sharana movement lead by Basavanna, Allama Prabhu, Chenna Basavanna, Akka Mahadevi left a deep imprint on world history.

Basavanna heralded changes in social, cultural, literary and political and in almost all sectors of life. In order to propagate the ideas of unity-of-God, work culture, equality, freedom for women folk, struggle, meditation, Basavanna chose the socially effective path of Vachanas (a form of effective social discourse). By exorcising the caste inequalities he tried to unite the various factions by uniting them under the concept of unity-of-God. Work philosophy was the main focus of Basavanna's teachings. He advocated that those who work in any sector are equally adorable. By inspiring dignity into all the jobs he built up a social transformation. We also learn that he ardently persevered the personality development and training of his disciples who were devoted in his social cause.

What if one is inspired within
There is nothing to be lived upon!
Will there be life where there is no physique
No countenance seen if there is no mirror
The unseen vigil of our only God.
-Koodala-Sangama-Deva.

Basavanna adopted the path of knowledge and action in his life.The crux of his message exhorted the human being to be pure in words and action. Is there an action without intent? Is there life without knowledge? Is there a principle without knowledge? Is there meditation without social expression?
-Koodala-Sangama-Deva.

Knowledge is the basis of existence for this body. It's value mould. By Knowledge to life, by knowledge to personality and from passion to meditation there grows the value. As these traits are exhaustive in the divine, God is sacrosanct. There are no negative attributes. Human being may have some good traits. However he cannot be perfect, Basavanna propagated that man cannot attain the place of God.

Women had a high status during Basavanna's time. When discussions were held in Anubhava Mantapa Akkamahadevi, Neelakka, Gangadevi, Lingamma, Guddavve, Kalavve, Ketaladevi, Aydakki Lakkamma, Kalakanniaya Kayamma, Kadira Kimmavva, Satyakka were participating. They involved themselves in social movements and also in literary advancements. When Basavanna left Kalyan towards Koodala Sangama he sent Appanna to escort his wife Neelambike. When Appanna informed this to Neelambike she eulogizes as follows.

Why worry whom do I hold in reverence?
Why I am a false impression on whom do I destine myself?
Why should I plead on my known ignorance?
When Basavanna has spread the light in the mainland, why it bothers to lean on it further? ... She addresses Appanna.
He has summoned us there! Is not the divine present here? Is the mystic perplexity of here and there the trait of spiritual leaders? She questions Appanna.

This exhortation shows rationally and on literary plane how the women were advanced during those days.

Regarding the creation and the creator Basavanna says the following during one occasion.

"Your work is like that of a potter. Hatching different potteries with one soil, you personify various lives by infusing five senses"

There is a sense of awareness in Basavanna's sayings. His responses to the cultural situations of those days in the form of sayings have attained repute. Basavanna in fact lived his sayings in spirit. That is why he was applauded for his actions true to his words. In the annals of Indian history he stands as a great philosopher and socio-religious personality.

Around 1400 years ago the holy book Quran- was revealed. The versatile teachings of Quran transformed the barbaric society of Arabia and created elysian civilization. Prophet Mohammed (Peace and Blessings be Upon Him) alikeness to the Quran, lived an exemplary life as true to those teachings he presented before the society. A society prone to gender disparity, superstition, polytheism, racial disparity, unethical behaviour, and bonded labour was transformed in the light of divine teachings.

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ಜೀವನ

ಒಬ್ಬ ಮನುಷ್ಯ ಹುಟ್ಟಿದ ನಂತರ ಅವನಿಗೆ ಅಥವಾ ಅವಳಿಗೆ ಮೂರು ಹಂತಗಳು ಸಿಗುತ್ತವೆ. ಬಾಲ್ಯ, ಯೌವನ, ವೃದ್ಧಾಪ್ಯ. ಬಾಲ್ಯದಲ್ಲಿ ಅಮ್ಮನ ಕೈ ತುತ್ತು, ಅಪ್ಪನ ಅಕ್ಕರೆ, ಅಕ್ಕನ ಪ್ರೀತಿ ಅಣ್ಣನ ಅಜ್ಜಿಯ ಪ್ರೀತಿ, ಸ್ನೇಹಿತರೊಂದಿಗೆ ಕಳೆದ ಕ್ಷಣಗಳು, ಕಲಿತ ಪಾಠಗಳು, ಯೌವನದ ಹಂತದಲ್ಲಿ ಆ ಹುಮ್ಮಸ್ಸು, ಏನೋ ಸಾಧಿಸುತ್ತೇನೆ ಎನ್ನುವ ಅತ್ಮವಿಶ್ವಾಸ, ಕಾಲೇಜಿನಲ್ಲಿ ಮಾಡಿದ ತುಂಟತನದ ಕ್ಷಣಗಳು, ಕ್ಲಾಸ್ ಬಂಕ ಮಾಡಿ ಕ್ರಿಕೆಟ ಆಡುವದು, ಟೂರಿಗೆ ಹೋಗುವದು, ಯಾವಗಲೂ ಮುಕೆಯಲಾಗುವುದಿಲ್ಲ.

ನಮ್ಮ ಯುವ ಪಿಳಿಗೆ ಯೌವನದ ಹಂತದಲ್ಲಿ ದಾರಿ ತಪ್ಪುವುದು ಸಹಜ ಯಾಕೆಂದರೆ ಸುತ್ತ ಮುತ್ತರಿನ ವಾತಾವರಣ, ನಾಮೂಡಿಕ ಜಾಲತಾಣಗಳು ಅವರನ್ನು ಹಾಳು ಮಾಡುವ ಸಾಧ್ಯತೆಗಳು ಬಹಳ ಇರುತ್ತವೆ ಅಕ್ಕರಿಂದ ಅಡರಿಂದ ಕೂಡ ಇರುವುದು ಸೂಕ್ತ. ಜೀವನದ ಬಗ್ಗೆ ಸ್ಪಷ್ಟವಾದ ಗುರಿ ಹೊಂದುವುದು ಮುಖ್ಯ ಅದು ನಮ್ಮ ಜೀವನವನ್ನು ನಿರ್ಧರಿಸುತ್ತದೆ. ನಾಗರಿಕರಾಗಿ ನಾವು ನಮ್ಮ ಯುವ ಪಿಳಿಗೆ ಸರಿಯಾದ ದಾರಿಯಲ್ಲಿ ನಾಗುವ ಹಾಗೆ ಮಾಡಬೇಕು ಅದು ನಮ್ಮ ಜವಬ್ದಾರಿ ಯಾಗಿದೆ.

ವೃದ್ಧಾಪ್ಯ ಕೊನೆಯ ಹಂತ ನಾವು ವೃದ್ಯಾಪ್ಯದಲ್ಲಿ ನಮ್ಮ ಅಜ್ಜ, ಅಜ್ಜಿ ನಮ್ಮ ತಂದೆ, ತಾಯಿಯನ್ನು ಚನ್ನಾಗಿ ನೋಡಿಕೊಳ್ಳಬೇಕು. ಇಲ್ಲದಿದ್ದರೆ ಮುಂದೆ ನಮ್ಮ ಮಕ್ಕಳು ನಮ್ಮನ್ನು ನೋಡಿ ಕಲಿಯುವ ಸಾಧ್ಯತೆಗಳು ಬಹಳಷ್ಟು ಇರುತ್ತವೆ, ಈಗಲೆ ನಾವು ಎಚ್ಚೆತ್ತುಕೊಳ್ಳಬೇಕು.

**********ALL THE BEST**********

Prof. Pradeep Kulkarni
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Haveri

ಜನುಮದಿನ

ಅಗೋ ಬಂತು ನನ್ನ ಜನ್ಮದಿನ
ಮತ್ತೆ ಬಂದು ಸ್ಪರ್ಶಿಸಿದ ದಿನ
ಅಮ್ಮ ಕಾಯ್ದು ಪಡೆದ ದಿನ
ಹೊಸತನದೆಡೆಗೂ ನೆನಪೆ ಅದಲ ಅನುದಿನ

ಅಮ್ಮ ನನ್ನ ಕ್ರಮಿಸು ಕಲಿಸಿತ್ತು
ನವಮಾಸ ಹೊತ್ತೆ ನನ್ನ ಕಷ್ಟವನ್ನು
ಅದೆಷ್ಟು ನೋವುಂಡೆಯೋ ನನ್ನ ಹೆರುವಾಗ
ಅದೆಷ್ಟು ಸಂತಸಗೊಂಡೆಯೋ ನಾ ಅಳುವಾಗ

ನನಗೆ ಜೀವವಾಗಿ ಕೊಟ್ಟೆ ನಿನ್ನ ಉಸಿರು
ಬಾಳಿಗೆ ಬರುವವರೆಗೂ ನೀಡಿದೆ ಉಸಿರು
ರಕ್ತ ಬಸಿದು ಹಾಲಾಗಿ ಉಣಿಸಿದೆ
ಸುಸಂಸ್ಕೃತಳಾಗೆಂದು ಸಂಸ್ಕಾರ ಕಲಿಸಿದೆ

ನಿನ್ನ ಋಣ ತೀರಿಸಲಾಗದು ನನಗೆ
ಕೋಟಿ ವಂದನೆ ಅರ್ಪಿಸುವೆ ನಿನಗೆ
ಇದು ಕೇವಲ ಅಲ್ಲ ನನ್ನ ಜನ್ಮದಿನ
ಆಗಲೆ ನೀನು ಮರುಜನ್ಮ ಪಡೆದ ದಿನ

Prof. Pooja Nelogal
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*****************All the Best *****************

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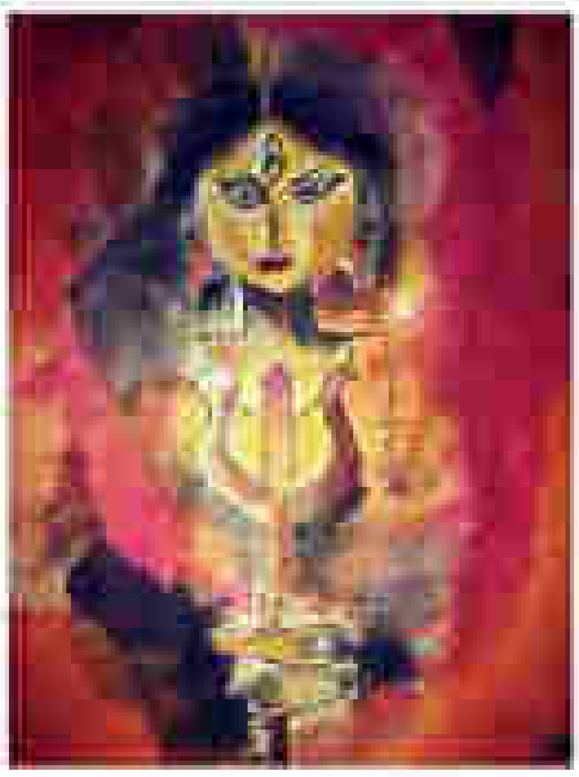
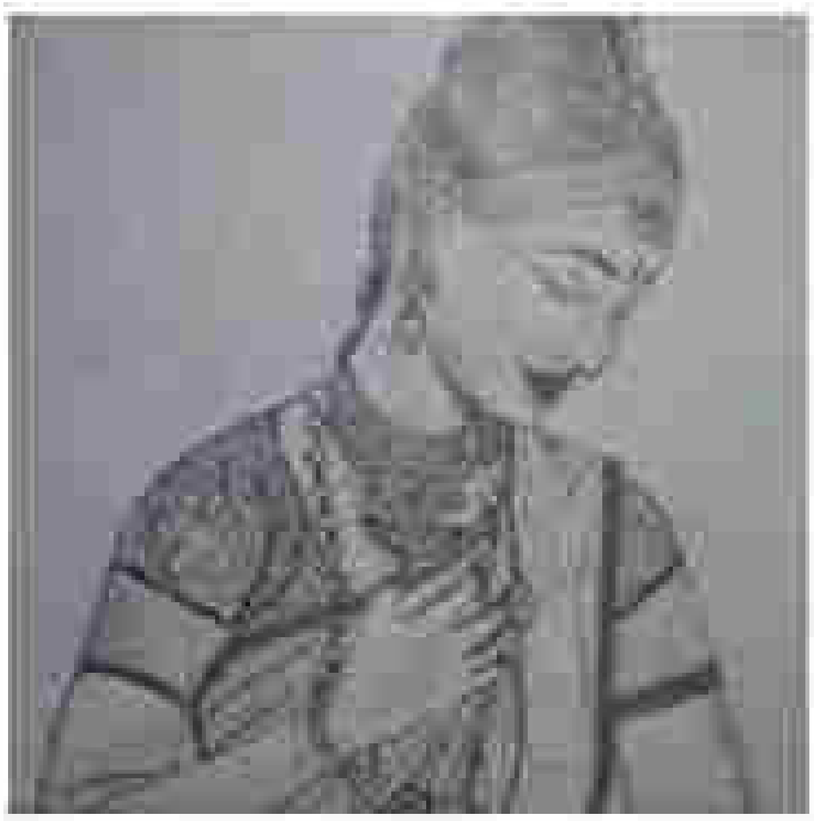
ART GALLERY

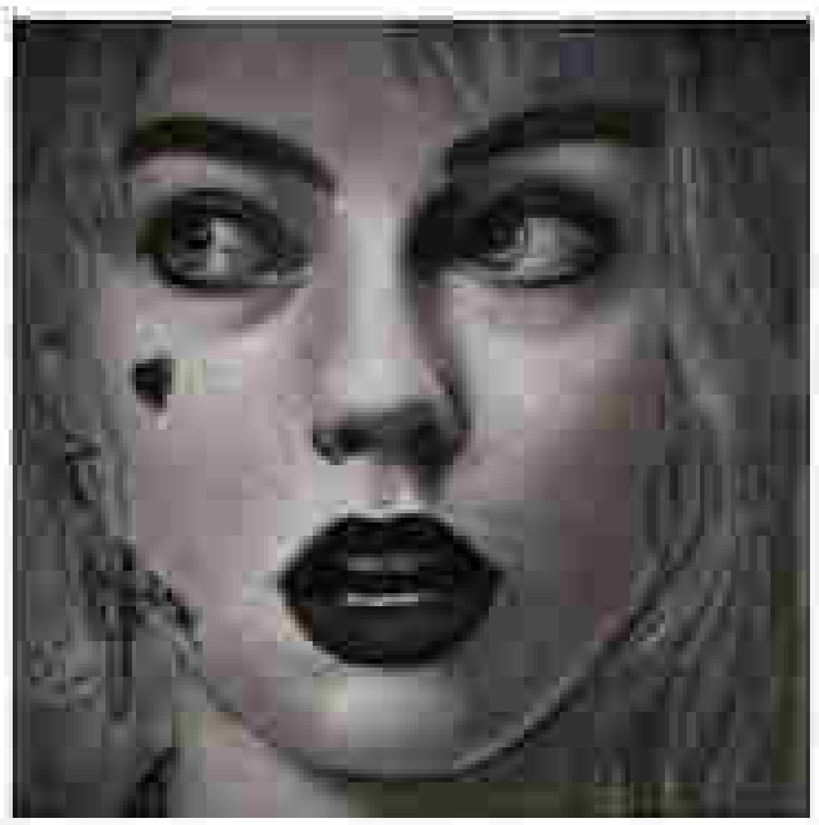
"ART IS NOT WHAT YOU SEE, BUT WHAT YOU MAKE OTHERS SEE"

PALLAVI WALAGAD
BCA, 6TH A



SPOORTHI KUDARI
BCA, 6TH A





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VINAY MIRAJKAR
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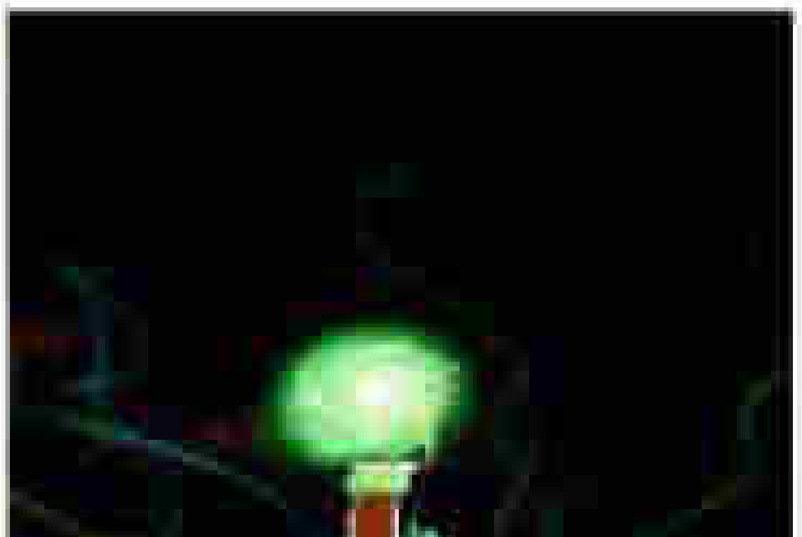
BCA 4TH A



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