

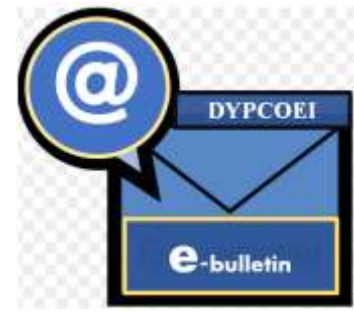


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Vision...

To achieve excellence in quality education through value based rapidly changing technologies and create technical Human-Resource with proficiencies of accepting new challenges.

Mission...

M1: Continuously strive to impart value-based education to elevate the satisfaction level of all stakeholders.

M2: Take dedicated efforts to create competent professionals by effective teaching learning process with passion of lifelong learning attitude.

M3: Our endeavor is to promote and support innovative research, entrepreneurship and development activities through Industry Interaction.

Memorandum of Understanding

Tie Up with industries

Dr. D. Y. Patil College of Engineering and Innovation, Varale made a Tie Up with Go-Green Technologies Pvt Ltd on 26th April 2023.



MoU signed between DYPCOEI, Varale and Go-Green Technologies Pvt. Ltd.

Go-Green Technologies Pvt. Ltd. formerly known as Emtron technologies is an IIT-Bombay alumnus venture and it is recognized as a Startup company by the Government of India. Currently, it is incubated at Sardar Patel Technology Incubation Center (SP-TBI), Bhavans Campus, Andheri-W, Mumbai-58. For the past twenty years, we are in the field of developing customizable solutions for Cyber-Physical Systems, and Digital Power Electronics applications. Dr. Y.Srinivasa Rao holds a Ph.D. degree from IIT-Bombay and has a work experience of more than 10 years in the industry. He has been in the teaching profession for over 30+ years, of which he has been associated with Bhartiya Vidya Bhavans' Sardar Patel College of

Engineering and subsequently, Sardar Patel Institute of Technology for more than 20 years. He has served as the Head of Department several times and is currently the Vice-Principal as well as the Dean of R&D at Sardar Patel Institute of Technology.

He conducted an expert session on Intellectual Property and Design Innovation for IoT projects. He explained about the process of patent registration as well as the significance of intellectual property.

Outcome:

- Students as well as faculties became aware of, intellectual property.
- Faculties got the useful information on how to do patent registration.
- Student understood how to do patents with respect to geographical areas.
- Students were understood why to be innovative in creating IoT projects.
- Students became aware various IoT projects.



Faculty members along with Dr. Y. S. Rao, Managing Director, Go-Green Technologies Pvt. Ltd.

Faculty Achievement

Procurement

Prof. (Dr.)Alpana Adsul (HOD – Computer Engg) & Ms.Snehal Mangale, Assistant Professor and T&P Co-ordinator (Computer) were awarded with letters of appreciation, for their role in development of Training & Placements in our Campus by M/s Rubicon.



Research Publication

Patent



Prof. (Dr.) Alpana Prashant Adsul, Head, Department of Computer Engineering, Published Patent on “DESIGN AND PERFORMANCE EVALUATION OF TRANSMITTED REFERENCE ULTRA WIDEBAND RECEIVER”, Application No – 202321004394.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202321004394 A
(19) INDIA	
(22) Date of filing of Application :23/01/2023	(43) Publication Date : 24/01/2023
(54) Title of the invention : DESIGN AND PERFORMANCE EVALUATION OF TRANSMITTED REFERENCE ULTRA WIDEBAND RECEIVER	
(51) International classification	H04B0001716300, H04W0024000000, G01S0007020000, H04B0000140000, H04W0028180000
(71) Name of Applicant :	1)Dr. Alpana Prashant Adsul
	Address of Applicant: Vesakatesh Serevity, D-604, Survey No. 128/7, DSK Vishwa Road, Dhayari, Sinhgad Road, Pune - 411008

Student Achievement

Obtaining

Mr. Murade Akash Narayan successfully completed Programming, Data Structures and Algorithms using Python by NPTEL.



Prof. Dipannita Mondal, Head, Department of First Year Engineering, published a patent entitled “EVALUATION OF ENERGY HEURISTICS FOR WIRELESS NETWORKS' ON-DEMAND ROUTE ESTABLISHMENT”.

The main motivation in undertaking this project is to evaluate the Energy Heuristics for Wireless

Network's On-Demand Route Establishment as the basic problem underlies in providing shortcuts for solving problems related to wireless networks in a quick way that delivers a result that is sufficient enough to be useful with respect to the given time constraints.

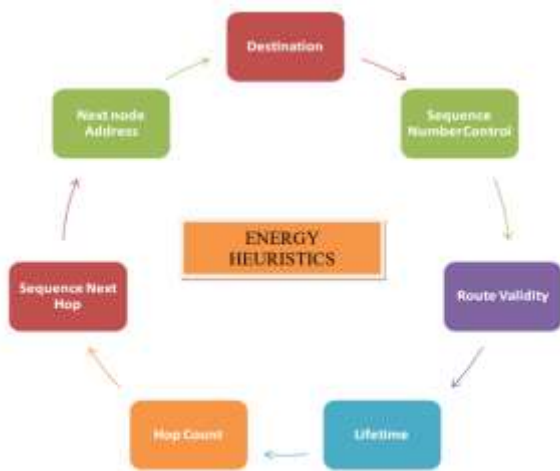


FIGURE 1: WORK FLOW OF THE PROPOSED METHOD

(32) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No 202341029547 A
(43) Publication Date : 05/05/2023

(54) Title of the invention : EVALUATION OF ENERGY HEURISTICS FOR WIRELESS NETWORKS' ON-DEMAND ROUTE ESTABLISHMENT

Faculty Development Program

Progress

Certificate of Appreciation To: Dr. Alpana Adsul, Dr. Latika Desai, Mr. ArivananthamThangavelu and Ms. SnehalMangale in recognition of their valuable participation in World Intellectual Property Day 2023 organized by Institution's Innovation Council (IIC) & Design Innovation Centre(DIC), SavitribaiPhule Pune University, Pune on 26thApril 2023.

Campus Connect Program by Infosys Association

Association

Department of Computer Engineering Head Prof. (Dr.) Alpana P Adsul and TPO Mr. Rahul Misra initiated campus connect program by Infosys on 11th April 2023.

Our guest Mr. Vinay Vasanth introduced about campus connect program. They brief our students on how to use Springboard. They explain various internship programs provided by Infosys.

They also explained about InfyTQ portal by which students will get chance to opt career opportunities by Infosys.

Ms. Lalita Bhangare introduced quiz portal to our students. Along with courses available on springboard and their certifications.



Mr. Akash Gurubhetti, Mr. Sanket Bari Dr. Suresh N Mali, Principal DYPCOEI, Mr. Vinay Vasanth, and Ms. Lalita Bhangare

Mr. Akash Gurubhetti about goal setting, progress dashboard and benefits of certifications in career development .Mr. Sanket Bari guided

our students about Oracle cloud. He also explained about how and why cloud is beneficial in web development.

Use of MERN stack in web development is also explained by Mr. Sanket Bari. He informed to students will do their certifications sincerely with maximum count, then Infosys will allow Industrial Visit to Pune campus.



Mr. Vinay Vasanth addressing our students



Faculty members and Students were attending the Campus Connect Program by Infosys

Outcome:

- Students as well as faculty members became aware of Springboard, its courses and

certifications.

- Faculty members got the useful information on FDPs provided by Infosys.
- Students were understood use of certifications provided by Infosys and how they can use same for InfyTQ.



Campus Connect Program Infosys Team with DYP COEI faculty members

Expert Session

Core Java

Mr. Pravin Gaikwad thought about Core Java and Object Oriented Programming language to TE Computer students as below;

- During Session he explained object oriented programming importance.
- Different types of class declaration and object creation.



Expert Session on Core Java by Mr. Pravin Gaikwad for TE Computer Students on 13th April 2023

Outcome:

- Students got basic knowledge of object oriented programming language.
- Students got different applications of Java.

Web Technology Session

Mr. Rahul Shirsath thought about JavaScript applications to TE Computer students as below;

- During Session he explained JavaScript applications in web page.
- He explained dynamic pages creation using JavaScript.

Objectives:

- How to use JavaScript to create web page?
- How to write scripting inside html tag?
- How to create dynamically updating content, control multimedia, animate images?



Expert Session on Web Technology by Mr. Rahul Shirsath for TE Computer Students on 15th April 2023

Outcome:

- Students acknowledged a basic knowledge of JavaScript.
- Students successfully implemented dynamic web page creation.

JavaScript Session

Mr. Rahul Shirsath thought about JavaScript form validation to TE Computer students as below;

- During Session he explained form validation by JavaScript function.
- He explained different data types of form validation.

Objectives:

- How to create form validation using JavaScript?
- How to write scripting function?
- How to check display alert message, and returns false, to prevent the form from being submitted?



Expert Session on Web Technology by Mr. Rahul Shirsath for TE Computer Students on 22nd April 2023

Outcome:

- Students acknowledged a complete knowledge form validation.
- Students successfully implemented different data types of form validation using JavaScript.

Intellectual Property Rights Session

An expert Session on “Introduction to Intellectual Property Laws” was conducted for Second Year Computer and AI-DS students. The session was Co-ordinated by Prof. (Dr.) Latika Desai, H.O.D Artificial Intelligence and Data Science

Day&Date: 03rd May 2023 (Wednesday)

Time: 03:00PM to 05:00PM

Mode of Conduction: Online Mode

Link to join the session:

meet.google.com/tye-mmhm-wac

Participants: ALL students of SE, faculty members, and HOD of AI-DS

Expert Name: Dr. Rahul Kapoor, Founder, Turnip Innovations, Pune.

Students Attended: 56 students

Objectives:

- To provide incentives to create and serve the interests of the public by promoting economic growth.
- To protect the rights of IP owners to enable them to reap the rewards of their creativity.
- To promote the creation, protection & enforcement of Intellectual Property Rights amongst various stakeholders.
- To enable the students to keep their IP rights alive.

Outcome:

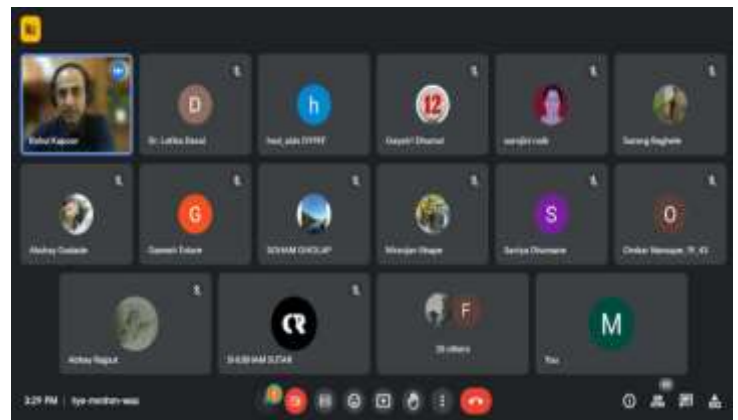
- The session distinguished and explained various forms of IPRs.
- Identified criteria to fit one’s intellectual work in a particular form of IPRs.
- Applied statutory provisions to protect particular forms of IPRs.
- Identified the significance of practice and procedure of Patents.

Summary of the Session:

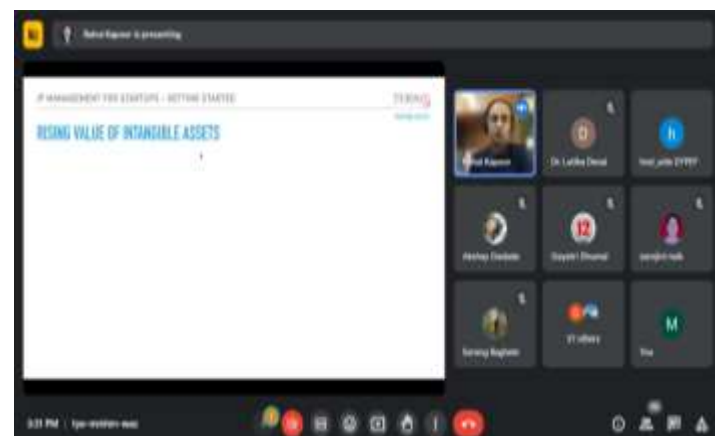
- In order to protect and recognize one's originality and creations, the individual needs to claim the ownership of right over the intellectual property. The individual or the related concerns can claim for such ownership by filling a standard form and submitting it to the concerned person or authority (for example, government of India is the concerned authority who protects such rights in India).
- Session expert Dr. Rahul Kapoor began the session with the different types of assets like tangible assets and intangible assets and its rising values.
- Tangible assets are the main type of assets that companies use to produce their product and service. Intangible assets are non-physical assets that have a monetary value since they represent potential revenue. Intangible assets include patents, copyrights, and a company's brand.

Session expert Dr. Rahul Kapoor discussed about the Intellectual property (IP) for startups includes using copyrights, trademarks, and patents. Safeguarding IP is much easier in the beginning phases of your business than after those ideas have become successful.

Dr.Latika Desai Introducing the Session Expert



Dr.Rahul Kapoor Addressing the audience



Session expert Dr.Rahul Kapoor explained Intangible Assets



ANTARANG 2023

Annual Gathering

It is a function carried out by Dr.D.Y.Patil educational federation, to exhibit student's talent, remove their stage fear, boost up confidence and teach them teamwork. Nowadays it is a compulsory event that has to take place in every college.

Before starting the preparation of the function it is necessary to do the planning. The most important thing is to make a decision about deciding the detail of the program such as what are the activities that will be included, students participating in the events, financial estimation of the program. The annual day function brings out the enthusiasm in students and they put all their efforts to make it an extraordinary affair.

It is an exceptionally memorable day for students as they act as a person of the house and host their parents.



Platform of cultural program at Dr.D.Y.Patil educational federation.

This event was open to all students and staff members. The programme began at 5:00 p.m.

with Prof. (Dr.) Suresh N Mali, Principal DYPCOEI inauguration speech and the lighting of the 'Diyas' by the distinguished guests Hon. Dr. Sushant Patil, President DYPEF, Hon. Mrs. Anuja Patil, Secretary DYPEF and Respected Mr. Vidyanand Mankar, Executive Director DYPEF.



Antarang 2023 programme lighting by Hon. Dr. Sushant Patil, President DYPEF



Antarang 2023 programme lighting by Hon. Mrs. AnujaPatil, Secretary DYPEF



Lamp Lighting by Respected Mr. Vidyanand Manakar Sir, Executive Director of DYPEF

Everyone in the programme was charmed by the performers' excellent dance and singing performances. Anchors are also highly vital in entertaining the audience. The annual social gathering included the different segments as mentioned below.

Felicitation of Hon. Dr. Sushant Patil, President



of DYPEF by Prof. (Dr.) Suresh N Mali, Principal DYPCOEI on 20th April 2023



Felicitation of Hon. Ms. Anuja Patil, Secretary of DYPEF by Dr. Priyanka Singh, Director DYPIIMED on 20th April 2023



Felicitation of Respected Mr. Vidyanand Mankar, Executive Director of DYPEF by Mr. Pramod Pandey, Director of Dr. D. Y. Patil Junior College on 20th April 2023

Anchoring – An anchor is a person who hosts or conducts an event, a ceremony, a seminar etc. Anchoring involves orchestrating the flow of the events, holding the attention of the audience with humour and smart use of crisp and well-modulated speech. Antarang 2023 hosted by 8 incredible anchors.

Dancing – Dance is an art form consisting of sequences of body movements with aesthetic and often symbolic value, either improvised or purposefully selected. Dance can be categorized and described by its choreography, by its repertoire of movements, done simultaneously with music or with instruments; or by its historical period or place of origin

Fashion Show – A fashion show is an event put on by a fashion designer to showcase their upcoming line of clothing and/or accessories during a fashion week. Fashion shows debut every season, particularly the spring/summer and fall/winter seasons. This is where designers seek to promote their new fashions.

Singing – Singing is the act of creating musical sounds with the voice. A person whose profession is singing is called a singer, artist or vocalist (in jazz and/or popular music).



**Singing Performance by Dr. Suresh N Mali,
Principal DYPCOEI**

Summary of the Activity/Event:

All rules & regulation are circulated to participated student when the meeting was conducted on dated 18/04/2023 at 3.00pm at the same time event schedule was prepared as per the convenience of timing limit of event& timing of performances & informed the same to participants.

The actual event is conducted on 20/04/2023 from 05.00 PM to 11:00 PM on college ground. The stage was prepared before event and then event started on 5:00 PM. Annual Day is a yearly celebration. It plays a major role in the personality development of students. It helps the students to build up their confidence and overcome the fear of stage or expressing their views. It is also one of the ways to realize the hidden talents of the students. There were many parents and chief guests in the function and we got very positive feedback from them.



**Singing Performance by Mr. Vidyanand
Mankar, Executive Director of DYPEF**



Lavani Dance Performance

The event was categorized as per the Anchoring, Singing, Dancing, Fashion Show of both students and faculty members.



**Bharatanatyam Performance by student
Fashion Show by faculties of DYPCOEI**



Singing Performance by Mr. Siddhu

Sports 2023

Flourish



Sports 2023 inaugurated by Mr. Vidyanand Mankar, Executive Director DYPEF



Sports 2023 inaugurated by Dr. Suresh N Mali, Principal DYPCOEI

All rules & regulation are circulated to participated student when the meeting was conducted on dated 11/04/2023 at 4.00pm at the same time match schedule was prepared as per the entry received & informed the same to participants.

Cricket

First match was played between FE div A & FE div B where FE div A won the match. After that second match played between TE Comp & TE

Civil where TE civil won the match. And the final match played between FE & SE (AI and DS) where SE (AI and DS) won by 8 wickets and in girls SE Comp won the match.



Cricket Girls Team

Kabaddi

First match was played between FE & BE Comp where FE won the match. After that second match played between SE Comp & TE Civil where SE Comp won the match. And the final match played between FE & SE Comp where FE won by 36-19 points.



Kabaddi Competition

Volleyball

The matches were categorised as per the year like FE, SE and TE. Final round was conducted between the FE student and BE student in which FE student won the final round.

1st Rank: FE Computer Engineering

2nd Rank: BE(Civil)

Girls Team

1st Rank girls : FE Computer girls



Volleyball Competition

Mehndi

Mehndi reflects rich Indian culture, bringing together the knowledge of medicinal herbs with lovely sentiments and beliefs from this perspective mehndi competition was organized on the occasion of "World Art Day" on 12th April 2023 between 2:00 pm to 5:00 pm at engineering classroom no. 109.

Students and other faculty members participated with enthusiasm. They created the beautiful design on their hand with different themes.

For the said event the judges were:

Dr. Latika Desai, HOD of AI-DS

Dr. Deepali Sale, Dean, Student Welfare

Total 10 participants attend the Mehndi competition. After the competition judges selected the winner for the same. And the name of the winners is:

1. Yogeshwari Pawar SE B division CE
2. Sakshi Gaikwad SE B division CE
3. Ashwini Mohite FE C division CE

Mehandi Competition inauguration



Mehandi Competition glimpses

Rangoli Competition

To enhance creativity and imagination in the field of art, To inculcate in the participant's interest in the cultural value of India, To boost the participant's confidence in the art, This competition.

Outcome:

It gave happiness and joy to students in their academic life.

- Total 6 team participated the Rangoli competition.
- Competition Winners:
 1. Miss. Mrudula Godbole & Miss. Devika Naik SE Computer Div B
 2. Miss. Yogeshwari Pawar SE Computer Div B
 3. Miss. Tanuja Waware & Miss. Vaishnavi Jangam SE Computer Div B
 3. Miss. Gayatri Devgoankar & Miss. Ashwini Dewade FE Div A

Rangoli competition glimpses



Dodge Ball Competition

The class was divided into groups with the same number of participants and each team is arranged on one side of the court. The game consists of throwing a ball and hitting an opponent. The team with the most members on their side wins.

Students and other faculty members participated with enthusiasm.

For the said event the judges are:

- Dr. Alpana Adsul, HOD of COMP
- Dr. Latika Desai, HOD of AI-Ds



Total 12 participants attended the Dodgeball competition.

Carrom Competition:

The matches were categorized as per the year like FE, SE and TE. Final round was conducted between the TE student and SE student in which SE student won the final round.

. Outcome: There was 3 ranks:

1st Rank: SE Computer Engineering (Sumedh

Patil, Akshay Murade)

2nd Rank: TE Computer Engineering
(Shreeharsh Shinde, Sharad Rathod)

3rd Rank: SE Computer Engineering (Suwasini

Chabukswar, Pratham Matte)

Carrom Competition glimpses

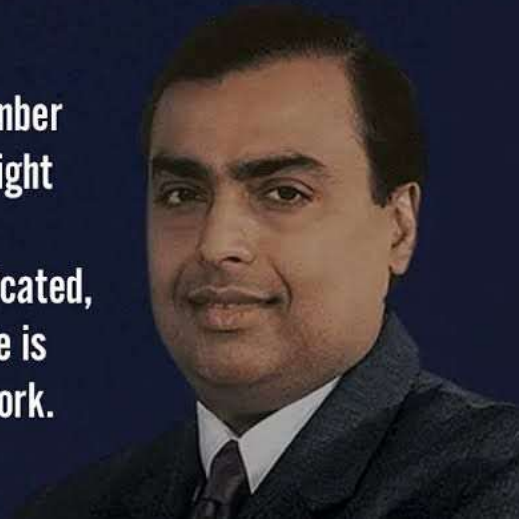


Quotes of the month

It is important to remember that there are no overnight successes.

You will need to be dedicated, single-minded, and there is no substitute to hard work.

- *Mukesh Ambani*



Don't stop chasing your dreams, because dreams do come true.

Sachin Tendulkar



“Sincerity is the sum of all moral qualities”