Mr. Dheeraj N.U has secured the Best Student Chapter Award for the academic year 2021-22. He has been actively serving in the core committee of ISTE Chapters from past 2 years.

Ms. YASHASHWINI.S has bagged Best Student Award by ISTE. Chapters in the year 2021. She had served as a Treasurer for the academic year 2020-21 and also served as President of ISTE student Chapter in the academic year 2021-22. Presently she is working in Thales India Pvt ltd, Bengaluru.
Principal’s Message

I am very much delighted to note that ISTE is publishing a news bulletin "Eureka - 2022" that carries memories of activities held in the academic year 2021-22 that encourages upcoming fresh minds of PESCE.

Indian Technical education promotes professional and personal developments. A person with skill will be able to create, develop, Dr. M Mahalinge Gowda enhance industrial productivity and improve the quality of life. We live in an era of technologies, where we found the application of technologies in every domain. Therefore, the development of institution associates with professional bodies like Indian Society for Technical Education which plays a very important role in the technical education planning. This supports technical education and to implement "National Education Policy -2020". I hope our ISTE chapters will conduct various activities to improve professional and personal development in the coming days.

I appreciate the total involvement and functioning of our ISTE chapters which had bagged two awards: "ISTE BEST FASCULUM EDITORIAL TEAM - 2021" at the ISTE National convention held at Goa and "ISTE BEST FACULTY CHAPTER - 2022" at the 23rd ISTE State Faculty convention held at Sai Ram Engineering College, Bengaluru.

ISTE chapters through its effective involvement in various activities made to consider P. E. S. College of Engineering for its overall leadership and quantum of activities amongst the chapters in the Karnataka section.

Co-Editor’s Message

ISTE chapters have gained momentum in performing various activities in today’s competitive world to have a better professional and personal life. Our students have to improve the skills in communication, aptitude, knowledge and entrepreneurship qualities. ISTE chapters conduct lot of activities, programs and competitions for its members keeping in mind that ultimate goal is to “Enrich knowledge in professional and personal life.”

I am happy to share that ISTE faculty chapter received two awards,” BEST ISTE faculty chapter Award 2022” at Sai Ram Institute of Engineering, Bengaluru and “BEST ISTE faculty chapter of Karnataka section for the year 2021”. The ISTE Eureka seems difficult but it just means "TO FIND", A Cry of Satisfaction.

This news bulletin gives an insight into the activities of ISTE Chapter(s) like conducting academic activities, awareness camps, cultural activities, Social activities and also the achievements of students and faculty members which implant captnancy among students as well as staff members.

As quoted by ZADIE SMITH - “The secret to editing your work is simple: you need to become its reader instead of its writer”. So I thank and congratulate all the contributors for this NEWS BULLETIN.

President’s Column

ISTE chapters have gained momentum in performing various activities in today’s competitive world to have a better professional and personal life. Our students have to improve the skills in communication, aptitude, knowledge and entrepreneurship qualities. ISTE chapters conduct lot of activities, programs and competitions for its members keeping in mind that ultimate goal is to “Enrich knowledge in professional and personal life.”

I am very much thankful for the guidance and support of Sri K.S. Vijay Anand, Chairman, P.E.T® and Principal Dr. R.M Mahalinge Gowda. It is glad to thank former ISTE chairman Dr. B.S Shivakumara for his constant support and guidance for conducting various activities and for receive Best faculty chapter award-2022. I appreciate well-spent efforts of the editorial team of "Eureka-2022" under the novel leadership Prof.Rafi Kerur and Prof. Ashraya A.N who have added the colors to this “Eureka-2022. Finally there is a quote on editing “When you’re editing, you want to be a perfect appreciator, not another writer (By Joseph Kamon)”. 

Chief Editor’s Column

Warm greeting and wishes with pleasure of the release of annual magazine of EUREKA-2022. This is a culmination of our PESCE family, versatile talents at various fields undoubtedly this issue will highlight the milestones in the luminous history of our college. Our hear by wishes towards our students and faculty members to bring in many more articles for future blooming of the EUREKA-2022 in the years to come.

Chairman - ISTE Karnataka Section

Dr. Suresh D S
Chairman - ISTE Karnataka Section
Director, CIGT Group of Institutions

Dr. N M Veena
A N Ashraya

Dr. M. Mohammed Rafiq Kerur
Co-Editor. A.N. Ashraya
Student Editor. Adithya N. Sharma, Prabhakar M P

"Throughout history, people with new ideas—who think differently and try to change things—have always been called troublemakers.”
— Richelle Mead

"A problem well stated is a problem half solved.”
— Charles Butterworth
This year, the college Youth Red Cross Wing has organized Voluntary Blood Donation and collected 352 units of blood and also in Mandya District Jail and successful in collecting 85 units of blood. In concern about street dogs, students conducted Street Dog feeding program under #PESCECARE in which students provided food for dogs in college campus and all over Mandya. “Trekking Programme at Netravathi Peak” to create awareness about Forest Fire Management and to remove plastic and to experience wildlife flora and fauna. Wing also celebrated “Youth Red Cross Day” and honoured the outstanding members by presenting “Best Service Award”.

Dr. Mahesh Kumar K.M, Associate Professor, Department of Electrical and Electronics Engineering has been awarded a PhD from University of Mysore in 2022. The topic of the research is “Investigation of Partial Discharge Phenomena in Paper - oil Insulation at Power Frequency”. Under the guidance of Dr.B Ramachandra, Retired Professor, Department Of Electricals and Electronics Engineering, PES College Of Engineering, Mandya.

No matter how beautiful is the Skies, You still look pretty in my Eyes
Hearing the sound of the River, My heart decided to Love her
I past smiled looking at my fair Flower, Flower replied, She’s the one forever
It was one fine evening of October
When we fel for each other I literally got tears
When I finally got you after years
It was one fine evening of October
When she got to know that, I am the one who waited for her.

 comforts the mind.

Time is endless in thy hands, my lord.
There is none to count thy minutes.
Days and nights pass and ages bloom and fade like flowers.
Thou knowest how to wait,
Thy centuries follow each other perfecting a small
Wild flower.
We have no time to lose,
And having no time we must scramble for a chance.
We are too poor to be late,
And thus it is that time goes by
While I give it to every querulous man who claims it,
And thine altar is empty of all offerings to the last.
At the end of the day I fasten in fear lest thy gate be shut;
But I find that yet there is time.

- Rabindranath Tagore

“Either you run the day or the day runs you.”—Jim Rohn

“You never fail until you stop trying”—Albert Einstein

Endless Time

POEM

Congratulations to PhD Awardees – 2021-22

Dr. Nanda B S, Professor, Department Of Electronics and Communication Engineering, has been awarded a PhD from University of Mysore, in 2022. The topic of the research is “Investigation on Graphene Field Effect Transistor High Frequency Flexible Transparent Displays” under the guidance of Dr. P.S Puttaswamy, retired Professor Department of Electrical and Electronics, PES College of Engineering, Mandya.

Dr. Mahesh Kumar K.M.

POEM

Somewhere still & always will
I am soft, I don’t think
you like that about me.
In the places the world should have made me hard,
I still cry at movies and books and love songs.
My hands still reach even after they’ve been burned.
I still look at you and see sunrises and airplanes landing and beginnings.
I still look at you and see the boy
I loved instead of the one
who broke my heart.
I love you
somewhere still & always will —

Tanuja Jain
ECE, 5th sem
ACHIEVEMENTS OF PESCE

Achievements in SMART INDIA HACKATHON 2022

A Smart India Hackathon (SIH) is a nationwide initiative which provides students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.

Several teams from our college participated in SIH 2022 Senior which brings the next generation evolution by inclusion of new methodology to inculcate the culture of startup and innovation ecosystem. A team constituted Akshay Kumar, Jyothi Ram, Animesh Ghosh, SK Sayantani, Harshit Raj Kumar from our college bagged 1st place in Smart India Hackathon 2022 with cash price of one lakh rupees for the problem statement entitled “Speed Measurement of Autonomous Underwater Vehicle”.

ISTE & YRCW DAY

Best Student Award was presented to Shashank Gowda H. S. and Aryan & Best Service award was presented to Sagar Simha M. N., Nandini and Razika Afreen for the Students on the occasion of “ISTE and YRCW day” for their outstanding performance and commitment.

“Always do what you are afraid to do”
- Ralph Waldo Emerson

Recreational Sports Meet 2022

ISTE had organized “Recreational Sports Meet-2022” on 21-05-2022 in Dr. H.D. Chowdiah Auditorium. The event was inaugurated by Dr. R.M. MahalingeGowda, Principal, PESCE, Mandya. Dr. B.S. Shivakumara Presided over the function along with Executive Committee Members of ISTE, Faculties and Students.
R.M. Mahalingegowda hoisted the national flag. He stressed the importance of "Azadi ka Amruth Mahotsav".

People need services, which is taken as advantage by the entrepreneur's mind. Entrepreneurship is not the thing which started at a certain point of time, but it is the quality of human being. Since Homo sapiens were formed, it has been thought of people to explore things and turn their ideas into reality. As it is said that "necessity is the mother of invention", it is nature of human being to explore things for his own comfort.

"Salman Khan" a occasional tutor inspired by Youtube platform started "Khan Academy" which now has more than 5000 instructional videos which are helpful to thousands of students and it is a multi-million dollar company now. These significant members brought many considerable changes in world. Due to this there is a large growth in economy of whole world considerable changes in socialization and living of people.

### Reality Shifting

Reality is a word which has much deeper meaning but maybe we are missing the meaning of word real. Everybody can see or feel this reality at a physical level but not at subatomic or spiritual or intellectual. Reality is shifting or adjusting according to the pace or need of time. It can be much similar to the butterfly effect but not exactly. Maybe we are warping to a different state each second just we don't feel because we have lost our consciousness when we are asleep.

A person is unconscious of his state when he is asleep and he is not aware of the reality. But the reality exists even after he is asleep which means his reality has got shifted in another state or can be referred to as the dream world and this is where reality changes its definition. The consciousness of the person gets shifted to another reality which is still misunderstood as a fake dream or memory which exists in the spiritual realm.

Nimish Kumar
5th sem, CSE dept

### ISTE & YRCW Achievements

#### Best ISTE Faculty Chapter award

2022 received by PES College of Engineering, Mandya during the 23rd ISTE Karnataka State Faculty Convention held at Sri Sairam College of Engineering, Anekal Bengaluru held on 21/07/2022

#### Best ISTE Faculty Chapter of Karnataka section for the year 2021

awarded to ISTE PESC during the Indian Society for Technical Education national faculty convention held in Goa.

#### Youth Red Cross Wing

PESC received the 2nd place in most number of blood packets collected during the academic year 2019-20 by providing 245 samples of blood packets. This was presented by Indian Red Cross, Mandya division.

### Extraordinary Services during the Academic Year 2021-22

#### ISTE CHAPTER(S)

P.E.S College of Engineering, Mandya

#### Highlights of the activities carried out with respect to the "Azadi ka Amruth Mahotsav"

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Date</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>15.08.21</td>
<td>Participated in the celebrations of &quot;Independence day&quot; held at college. Principal Dr. R.M. Mahalingegowda hoisted the national flag. He stressed the importance of &quot;Azadi ka Amruth Mahotsav&quot;.</td>
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<td>2.</td>
<td>04.09.21</td>
<td>Presented the prizes to the winners of &quot;Quiz&quot;, &quot;Essay&quot;, &quot;Singing&quot; and &quot;Poster presentation&quot; competitions (organized by the chapters). President, Secretary and other office-bearers of the chapters distributed the prizes.</td>
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<td>3.</td>
<td>25.09.21</td>
<td>Participated in the &quot;Fit India — Freedom run&quot; organized by the Mandya district authorities on the occasion of &quot;Azadi ka Amruth Mahotsav&quot;.</td>
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<td>4.</td>
<td>19.11.21</td>
<td>&quot;Kannada Kalotsava&quot; was celebrated, P.E.T Chairman Sri. K.S Vijay Anand inaugurated the celebration. In his speech, he urged the students to give importance to develop patriotism towards our nation and our languages.</td>
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<td>5.</td>
<td>25.01.22</td>
<td>National voter’s day has been celebrated. Dr. R.M. Mahalingegowda addressed the students and told them to understand their rights and responsibilities as a citizen of the country.</td>
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<td>6.</td>
<td>26.01.22</td>
<td>Participated in the celebrations of &quot;Republic day&quot; held at college. Principal Dr. R.M. Mahalingegowda hoisted the national flag. In his address, he narrated the importance of &quot;Republic day&quot;.</td>
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<td>7.</td>
<td>11.04.22</td>
<td>Open Mic 3.0 competition was organized at the college. The singing competition was arranged on the occasion including the &quot;Patriotic songs competitions&quot;</td>
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<td>8.</td>
<td>07.06.22</td>
<td>World Environment day was celebrated. The celebrations were enriched by &quot;Cycle/Walking Jatha&quot;, &quot;Technical talk&quot;, &quot;Plantation&quot; &quot;Skit competition&quot; and &quot;Distribution of saplings to students&quot;.</td>
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<td>9.</td>
<td>15.06.22</td>
<td>Voluntary Blood donation camp was organized in collaboration with District jail and IRCs branch Mandya Dist., at District Jail, Mandya. Dr. Anil Kumar inaugurated the camp and 83 units of blood were collected.</td>
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<td>10.</td>
<td>21.06.22</td>
<td>Celebrated the &quot;International Yoga day&quot; at the Dr. H.D. Chowdiah auditorium. Principal Dr. R.M. Mahalingegowda inaugurated the celebrations by lighting the lamp. Chairman, ISTE faculty chapter Dr. B.S. Shivekumar, Secretary, Dr. M.N. Veena, Sri. M.A. Venugopal were graced the occasion. Smt. Boonika, Yoga expert demonstrated the various &quot;Asanas&quot; of the Yoga. She also narrated the significance and benefits of each &quot;Asanas&quot;, Members of the Patanjali Yoga shiksha samithi, students and staff of the college and publics performed the &quot;Yogasanas&quot;.</td>
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<tr>
<td>11.</td>
<td>26.06.22</td>
<td>Chapter organized &quot;Awareness program on Ayurvedic &amp; Nature cure treatment&quot; and &quot;Adventurous sports/games&quot; for the students and faculty.</td>
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<td>12.</td>
<td>06.07.22</td>
<td>Celebrated the &quot; Birth day of Shyam Prasad Mukarjee &amp; Doctor's day,&quot; Dr. Pushpa, Medical Officer, department of Ayush inaugurated the celebrations. 33 units of blood were collected on the occasion from the various blood donors.</td>
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<td>13.</td>
<td>04.11.22</td>
<td>Celebrated ISTE day and presented best faculty chapter award &amp; prizes for the winners of various competetion.</td>
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</tbody>
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Unfading Moments

EVERY LIFE MATTERS
FREEDOM LIES IN BEING
WAR OF WORDS
FOOD BRINGS PEOPLE TOGETHER

DOG FEEDING EVENT
CELEBRATING GREAT DAY WITH GREAT PRIDE

KANNADA KALOThSAVA
WHERE WORDS FAIL, MUSIC SPEAKS

TREKKING
COLOURS FILL HAPPINESS IN LIFE

RECREATIONAL SPORTS MEET
SAVE THE GREEN LET THE EARTH SMILE

ISTE DAY 2022
U CAN BECOME SUPER HERO TOO

OPEN MIC 3.0
RANGOLI COMPETATION
WORLD ENVIRONMENT DAY
BLOOD DONATION CAMP

“To be the best, you must be able to handle the worst.”
-Wilson Kanadi

“What you do today can improve all your tomorrows.”
-Ralph Marston