





## **PULSE 3020**

Governor's Monthly Letter

NOVEMBER 2025

Issue No. 5

## **TOGETHER, WE** END POLIO























**UNITE FOR GOOD** 

## R. I. President's Message



October is Rotary's Community Economic Development Month, a time to spotlight our efforts to help communities build thriving, sustainable futures. This month's observance aligns perfectly with the Rotary core value of leadership.

Leadership means empowering people to guide their own progress. That is precisely what Rotary's economic development projects aim to achieve.

Take, for example, a recent initiative in southern India in which Rotary members unlocked the power of women of the Adivasi tribal groups through sewing training to earn a living and regain social inclusion. Historically, widows and abandoned women in this region lose social standing and are shunned by society or blamed for their misfortunes. Opportunities to support themselves or obtain training are minimal.

This year, the Rotary Club of Windsor Roseland, Ontario, partnered with clubs in Districts 3203 and 3234 in India - and with the Indian organization Sevalaya Trust—to provide sewing machines and training to 80 Adivasi women. They learned to stitch saree blouses, kurta tunics, and salwar suits, enabling them to support themselves and their families. Each woman received a certificate for completing the program, and the sewing-machine provider offered free long-term maintenance for the machines. The project offered vital income and dignity to women ostracized by society after widowhood.

This story is one example of Rotary leadership in action: local people guiding solutions that address their community needs. Our role is not to deliver charity or to impose outside models, but to foster self-reliance by investing in leadership, skills, and sustainable enterprise.

This October, I invite Rotary members worldwide to reflect on economic leadership in their communities. Who is stepping forward to lead local economic initiatives? Where is there untapped talent that could be supported with training or mentorship? How can your club catalyze opportunity through partnerships with local businesses, vocational schools, or savings groups?

Leadership is not always about being visible. Sometimes it means listening, working collaboratively, and amplifying the voices of others. That approach lies at the heart of Rotary's philosophy and our lasting impact on economic development.

By building capacity - whether through microcredit groups, vocational training workshops, or entrepreneurship programs - we enable communities to lead their own transformation. When people take ownership of their progress, change becomes sustainable.

Let us lead with good intention and provide support with heart. By nurturing local leadership, we can create opportunities that ripple through communities, empowering individuals, families, and societies.

Together, we can support economies that work for everyone and enact community development projects that last.

FRANCESCO AREZZO RI President 2025-26

## Message from DG

Dear Rotarians and Friends

Greetings!

The Rotary Foundation truly symbolizes the heart of Rotary: our unwavering commitment to "Doing Good in the World."

The Rotary Foundation is not just a fund; it is the soul of our movement. Every dollar contributed and every project supported reflects our faith in humanity and our belief in creating lasting change. Whether it's eradicating polio, providing clean water, supporting education, or promoting peace, the Foundation empowers us to extend our compassion beyond boundaries.

Every year at the Foundation seminar we get an opportunity to learn, connect, and innovate - to explore how we can strengthen our giving, enhance transparency, and ensure that the impact of every contribution reaches those who need it most. Let us also remember that generosity is not about wealth; it's about the will to serve.

I challenge each of our clubs this year to set ambitious goals for Foundation giving and participation in Global and District grants. Let's inspire our members, engage our youth, and ignite a passion for service that will sustain Rotary for generations.

As we move forward, let's reaffirm our dedication to the ideals of Rotary — fellowship, integrity, diversity, service, and leadership. Together, we hold the power to shape a more compassionate and equitable world.

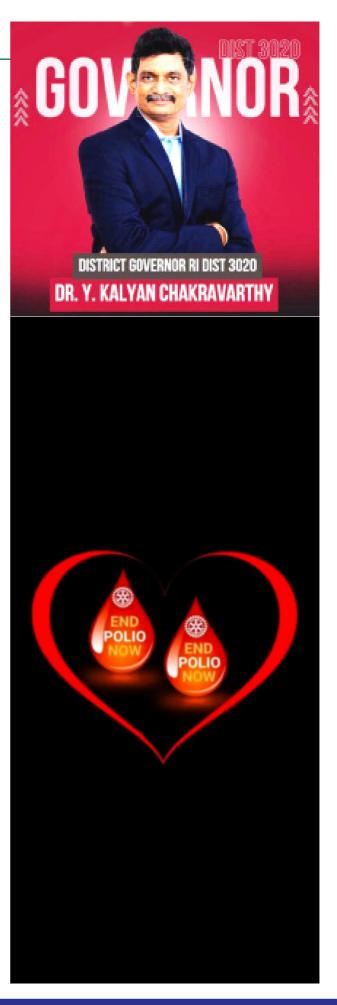
Thank you for your tireless efforts, your generosity, and your spirit of service. Let us continue to serve with purpose, lead with integrity, and give with joy.

Together, we are Rotary - and together, we are making a difference.

Yours in Rotary Service

Dr Y Kalyan Chakravarthy

District Governor, Rotary District 3020



#### From the Editor's Desk

Dear Friends

Warm Rotary Greetings.

After a month of festivities we are back again serving the community with zeal although Rotary's work never actually stops. These past few months we have stayed committed to our vision of nurturing and serving humanity through every service project undertaken and executed successfully by the sheer hard work of Rotarians from District 3020.

A month of meaningful experiences enriched both our minds and heart, serving to create lasting change in the community. The key highlights of this month was The Rotary Foundation Seminar at Vizianagaram, ushering in the Foundation Month of November and the extraordinary efforts of Rotary Clubs to commemorate World Polio Day.

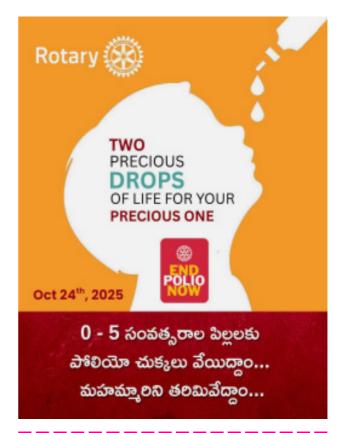
Clubs joined hands to publicize the need for Eradicating Polio from the face of the Planet through rallies, workshops and awareness campaigns. While this happened the funding continued to flow from large hearted philanthropic Rotarians dedicated to the cause of "End Polio Now".

As we step into November we don't just think of the Foundation and humanitarian projects we also think of budding Interactors on whom the light that shines today will help blossom dedicated Rotarians of the future. Investing in GenNext through various projects that will ignite the young minds to service and inspire and instill leadership qualities, Rotary Members of RID 3020 join hands to celebrate World Interact Week from 1st to 7th November, not only widening the horizon of these kids but in the process energizing themselves.

Wishing Everyone A joyous Month of Service.

Yours in Rotary Service

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## Designated Month: The Rotary Foundation

It's time once again to remind ourselves how our gifts to The Rotary Foundation transforms lives both close to home and around the world. As Rotarians our common goal is to provide sustainable solutions for a variety of challenges faced by the world in order to leave a lasting impact. We help and work towards eradicating polio, promoting peace, reducing illiteracy, mal nutrition, and water problems among other things.

A stellar charity rating and strong financial oversight with a unique funding model ensures that the Rotary Foundation is one of the most trusted Foundations which utilises our funds judiciously to do life - changing work.

1.2 million Members work towards uplifting communities in need following the values and traditions of Rotary based upon the Four Way Test, the Avenues of Service, and Object of Rotary with commitment and integrity.

#### AREAS OF FOCUS

Rotary's focus is on six areas to enhance both our local and global impact. They are

- Fighting disease
- Providing clean water
- Saving mothers and children
- Supporting education
- Growing local economies

#### HISTORY OF THE ROTARY FOUNDATION

In 1917 RI President Arch C. Klumph proposed to set up an endowment "for the purpose of doing good in the world." This was during the Convention but it was in 1928 that it was renamed as The Rotary Foundation, eventually becoming a distinct entity within Rotary International. Its first gift was of \$500 to the International Society for Crippled Children. This organization was created by Rotarian Edgar F Allen.

With the death of Paul Harris in 1947 more contributions started flowing in and the Paul Harris Memorial Fund was created to build the Foundation.

#### How the Foundation evolved over time:

1947: The Foundation established its first program, Fellowships for Advance Study, later known as Ambassadorial Scholarships.

1965-66: Three programs were launched: Group Study Exchange, Awards for Technical Training, and Grants for Activities in Keeping with the Objective of The Rotary Foundation, which was later called Matching Grants.

1978: Rotary introduced the Health, Hunger and Humanity (3-H) Grants. The first 3-H Grant funded a project to immunize 6 million children in the Philippines against polio.

1985: The <u>Polio Plus program</u> was launched to eradicate polio worldwide.

1987-88: The first peace forums were held, leading to <u>Rotary Peace Fellowships</u>.

2013: New <u>district</u>, <u>global</u>, <u>and packaged</u> <u>grants</u> enabled Rotarians worldwide to respond to the world's greatest needs.

Since the first donation of \$26.50 in 1917, the Foundation has received contributions totalling more than \$1 billion.

Source: rotary.org



PULSE 3020 5 UNITE FOR GOOD

## Rotary Foundation – Empowering Tribal Girl Education Through Global Grants

"When You Empower a Girl, You Empower Generations"

"STEM HER FUTURE: Rotary District 3020 helping Tribal Girls by providing Digital Class Rooms, Science Labs, Computer Labs through Rotary Foundation Global Grants.

The Rotary Foundation continues to be a beacon of hope, transforming lives across the world through its unwavering commitment to "Doing Good in the World." Its impact is being profoundly felt in Rotary International District 3020, where focused efforts toward education are bridging the opportunity gap for tribal girl students in remote regions of Andhra Pradesh.

One shining example of Rotary Foundation's support is the Global Grant project of USD 90,000 implemented at the Tribal Girls Residential School and Junior College in Vissannapeta, where 620 tribal girl students are pursuing their education. The project, funded through contributions from Rotary Foundation and partner clubs, state-of-the-art STEM established a Laboratory, Computer Lab, and Digital **Classrooms**. Alongside the infrastructure, teachers and students received intensive training in digital learning and modern pedagogy, helping them embrace technology with confidence.

The impact has been both measurable and inspiring. Even though the project was implemented midway through the academic year, the number of students securing admission into Engineering courses rose from 14 to 25 — with many earning placements in prestigious NITs and university campuses. This remarkable transformation stands as a testament to how Rotary's vision, when powered by the Rotary

Foundation, can unlock human potential and transform lives.

Encouraged by the success at Vissannapeta, our district embarked on the next chapter of this journey by extending similar support to the Busarajupalli Tribal Girls Residential School and Junior College, where 800 students are studying. Through another Global Grant project worth USD 117,000, the institution is being equipped with digital classrooms, STEM and computer labs, and comprehensive training modules to ensure a well-rounded, technology-enabled education.

Our mission, however, does not end here. Inspired by the Rotary Foundation's ethos of sustainability and long-term impact, we have already initiated efforts to **mobilize USD 250,000** for our next projects—to support **Paderu and Bhadragiri Tribal Girls Residential Schools and Junior Colleges**. These campuses will soon witness the same transformational journey toward digital empowerment, scientific curiosity, and career readiness.

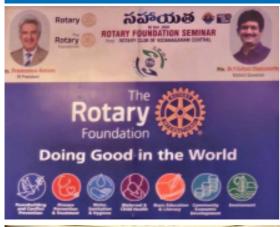
As Rotarians, we take immense pride in being catalysts of change—creating environments where young tribal girls not only dream big but have the tools to achieve those dreams. The Rotary Foundation remains our guiding force in this pursuit, turning compassion into action, and ensuring that every contribution leads to a brighter, more equitable future.

Together, we are lighting up lives, one classroom at a time.

SUBBARAO RAVURI (Datta) DG 2023-24



# The Rotary Foundation Seminar at Vizianagaram held on 26th October, hosted by RC Vizianagaram Central

























## CSR and DISTRICT 3020

On the 7th of September 2025, Rotary District 3020 hosted a landmark event - the CSR Conclave 2025 at A Plus Convention, Vijayawada. An exclusive, invitation-only gathering... where vision met purpose, and partnerships for impactful change were born.

Over 200 distinguished delegates - including Chartered Accountants, Major Donors, and Rotary District Foundation Team, Past District Governors, industrialists, and CSR professionals - came together under one roof. The conclave created a vibrant platform for dialogue, collaboration, and building bridges between Rotary and the corporate world.

The conclave featured two insightful sessions that inspired new possibilities for transformative CSR Partnerships.

Session One focused on Understanding the Rotary CSR Framework - led by eminent speakers from the Rotary International South Asia Office, Zonal Foundation Leaders and Past District Governors. They demystified the CSR process and showcased how Rotary ensures transparency, sustainability, value addition and measurable impact in every initiative. Corporates at the same time discovered why Rotary is the Partner of choice in driving meaningful social change.

Session Two brought powerful Corporate and Professional Perspectives on CSR. Industry leaders from TCS, Coal India, AP Chambers, and a leading Chartered Accountant managing CSR compliance for over 60 companies shared their insights on CSR priorities, compliance expectations, and the evolving role of NGOs and Rotary in fulfilling corporate social responsibilities.



The impact of the conclave was both tangible and far-reaching. Participants gained a clear understanding of the Rotary India CSR process, actively sought clarifications, and expressed readiness to engage with nearby companies for CSR collaborations. The Director (Finance), South, Eastern Coalfields Limited (CIL), conveyed willingness to partner with Rotary for CSR initiatives in Madhya Pradesh and Chhattisgarh. While a leading Chartered Accountant pledged to recommend Rotary's CSR partnership model to over 60 client companies, the Regional Head of CSR at TCS showed strong interest in collaborating on literacy and education programs. Rotary District 3020 has thereafter initiated communication with TCS.

Meanwhile, the President of AP Chambers of Commerce reaffirmed their commitment under the MOU signed with Rotary District 3020, assuring that member corporates would be encouraged to channel their CSR initiatives through Rotary. Several industrialists also appreciated Rotary's transparent processes and expressed intent to explore future partnerships.

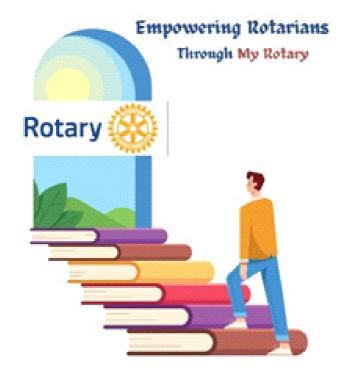
More than just an event, the CSR Conclave strengthened Rotary's credibility as a trusted CSR Partner - igniting new alliances that promise to uplift communities and transform lives. Rotary District 3020's CSR Conclave 2025 marked a milestone in fostering impactful partnerships for nation-building.

Together, with corporates and professionals, Rotary continues its journey to create hope, drive progress, and make a difference where it matters the most.



# Raise for Rotary

(https://raise.rotary.org)



Raise for Rotary is a branded, peer-to-peer (P2P) fundraising platform designed by Rotary International / The Rotary Foundation. In simple terms: individuals, teams, clubs or districts can set up an online fundraising page (for a specific occasion, event, challenge, celebration, memorial, etc.), link it to one of the Foundation's cause-areas (Polio, Disaster Response, the World Fund, the Areas of Focus etc.), share it with their networks, and collect donations that go directly into the Rotary Foundation's funds.

#### Why it matters

Here are several reasons why Raise for Rotary is a timely and useful tool:

- **Expands donor reach**: Traditional club/district fundraising often stays within the club's network. Raise for Rotary enables outreach into broader social media networks, friends, family, colleagues, etc., and is geared especially to younger, socially-connected audiences.
- **Recognition & integration**: Donations made via this platform count toward individual donor credit in Rotary's system (if donor uses correct email/identifier) which means recognition (Paul Harris Fellow points, etc) is maintained. Traditional generic crowdfunding platforms often don't transmit donor credit.
- Lower friction / better branding: Because it's Rotary's own platform, it is integrated, Rotarybranded, and minimizes dependence on thirdparty generic crowdfunding platforms (with extra fees, mismatched recognition, etc).
- **Flexibility of occasions**: You're not limited to a single service project the tool allows celebrations (birthdays, weddings), commemorations, athletic challenges, personal/team milestones etc. This helps engage younger members and their networks who might respond to an occasionbased ask rather than a "give to club project" ask.

• Global & multi-currency: The platform accepts multiple currencies and is available across many countries (though there are some limitations).

#### How Raise for Rotary Works (step-by-step)

Here's how one can start a fundraiser via Raise for Rotary:

- **1. Choose your occasion** Decide what the fundraiser is about: for example, a birthday, wedding, athletic event (run, cycle, hike), memorial, personal challenge, or create your own event.
- 2. Foundation cause/fund that the donations will go to: options include PolioPlus (ending polio), Disaster Response Fund, World Fund, and the Areas of Focus (Basic Education & Literacy; Peacebuilding; Disease Prevention; Water & Sanitation; Maternal & Child Health; Community Economic Development; The Environment).
- **3. Set your fundraising goal & create your page** On the platform, you or your team set a goal amount, add title/description, perhaps an image or video, and decide whether it is an individual or team fundraiser.
- **4. Share & promote** Use the link/QR code/email/social media to invite supporters (family, friends, colleagues, club members). Update your fundraiser with progress, photos, thank-yous, milestones. The more visible and compelling, the better.
- **5. Receive donations** Donors give online (credit/debit cards) via the platform (and in some jurisdictions by check, per guidelines). Donations are directed to The Rotary Foundation.
- **6.** Credit & recognition Donors using the proper email/account will receive donor credit in Rotary systems; non-members can also donate and (with proper set-up) their giving can be credited toward a club if relevant.
- 7. Track & thank As fundraiser you can monitor progress, adjust goals or timeline if desired, and importantly thank supporters and share updates to maintain momentum.

#### Conclusion

Raise for Rotary offers your club a modern, engaging, and scalable way to fundraise for Rotary's major causes. With your storytelling and humour style, you can make the campaign lively, social-media friendly, and far more than a simple "ask for money" — instead an experience, a challenge, a story people want to share.

This Article is contributed by

**Rtn. VINAY GANDHI B.**My Rotary Chair 2025-26
RI Dist. 3020

# Service Projects



































# Cervical Cancer Vaccine: A Necessity not an Option The Preventable Killer

Across the world, Rotarians have dedicated themselves to the noble cause of eradicating cervical cancer by providing access to the cervical cancer vaccine - sometimes free of cost and at other times at subsidized rates. This initiative is an integral part of Rotary's vision to empower girls and women through good health and increased awareness about this preventable disease.

Despite significant medical advancements, many people remain unaware that cervical cancer can not only be detected early but also prevented through timely vaccination. Recognizing this gap, Rotary clubs in District 3020 have taken up this monumental mission, striving to save countless lives and reduce the incidence of cervical cancer in our communities.

Rtn. Dr. Suman Das, a dedicated Rotarian and passionate advocate for women's health, shares with us today the importance, impact, and reality of the cervical cancer.

All over the world Rotarians have dedicated themselves towards this great cause of providing cervical cancer vaccine, sometimes free of cost and sometimes at a subsidised cost as a part of Rotary's vision to empower girls and women through good health and awareness about the disease. Many are still unaware that such a disease exists or how it can be prevented. Rotary clubs have undertaken this mammoth task in District 3020 too and we hope to save many lives in the process and reduce the cases of cervical cancer.

## Dr Suman Das, a Rotarian himself shares the reality of this vaccine with us today.

The word cancer is like a monster which has taken the lives of many of our friends and relatives. Hence the word vaccine for cancer comes as a relief for many but the fear still persists as also the myths about the injections. People often wonder whether

all kids need to be given the vaccine or only girls are to be given or only ladies. They also wonder whether the shot is safe or would it be dangerous in future. There are many questions that pop up in our minds and hence I have provided the information in terms of questions and answers as they might occur to you, dear friends. This is for parents, teens, and anyone wondering whether it's worth knowing about the vaccine.

#### Q: What is HPV Vaccine?

The Human Papilloma Virus (HPV) Vaccine acts against the virus. The virus is responsible for cervical cancer in female, oropharyngeal cancers, warts etc. Although it doesn't give absolute protection against the cancer it would protect you from the infection and indirectly can save you from the cancer. This vaccine isn't a cure for cancer, but it's like a shield that stops most HPV infections before they start troubling you.

#### Q: Should we take the cervical cancer vaccine?

A: Absolutely, yes—if you're in the right age group and haven't had it yet. HPV causes about 90% of cervical cancers, and in India, that's over 100,000 cases a year—mostly in women under 50. Getting the shot can cut your risk by up to 90% for the worst types. It's safe, cheap in the long run (beats treating cancer), and recommended by big health groups like the WHO and India's Health ministry. If you're a parent, think of it as protecting your kids from a sneaky virus they might pick up later in life. As they say prevention is better than cure!

## Q: What is the age and what are the doses for different age groups?

A: The vaccine works best when given early, but its okay up to older ages too. Here's the simple breakdown based on what doctors in India and worldwide say:

**Ages 9-14**: Just 2 doses. First shot, then the second one 6-12 months later. This is the sweet spot for kids.

**Ages 15-26**: 3 doses. First at month 0, second at month 2, third at month 6.

**Ages 27-45**: Still 3 doses, same schedule, but talk to your doc first—it's approved but not always "routine" since exposure might have happened.

In India, it's available at government centres for girls 9-14 (free in some states), or in private clinics for everyone. **Boys get the same schedule.** 

#### Q: Which age is safe to administer and why?

A: The safest and most effective age is 9-14 years old—before kids become sexually active.

#### Why?

A: At this age, the body builds super-strong protection (antibodies) against HPV, and most folks haven't been exposed yet. It's like vaccinating before the storm hits. Giving it earlier (even at 9) is fine and safe; studies show no issues. After 15, it still helps a ton, but the boost is a bit less if someone's already had HPV. For older adults, it's safe too, but check with a doctor to see if it's needed.

Bottom line: Earlier the Better, an armour against cancer down the road.

## Q: What are the side effects of the cervical cancer vaccine?

A: Mostly mild stuff that goes away quick—like a flu shot on a bad day.

#### Common side effects after a shot:

- Sore arm, redness, or swelling where the shot goes in (happens to about 80% but lasts 1-2 days).
- Mild fever, headache, or feeling tired (in 10-20% of people).
- Rarely, dizziness or nausea right after the shot—But sit down for 15 minutes if you're worried.

No great pain, and you can take paracetamol if needed.

Note: Millions of doses given worldwide, and serious issues are super rare (less than 1 in a million).

# Q: Are there any major complications, like the scary stories people said about the COVID vaccine?

A: Nope, nothing like those COVID myths—no links to infertility, heart problems, or cancer. Those HPV fears (like causing autoimmune diseases or paralysis) come from old rumours or tiny case reports, but huge studies with billions of doses show its bunk. For example, no rise in miscarriages, no brain issues, and it doesn't interfere with ovaries. The vaccine's been around since 2006, watched by groups like CDC and WHO—safer than driving to work. COVID shots had their own (mild) side effects, but HPV's even gentler.

If you're vaccine-shy, remember: the real risk is the cancer it prevents, not the shot.

## Q : Can boys be given the cervical cancer vaccine?

A: Yes, 100% - and they should be given! HPV doesn't just hit girls; it causes penile, anal, and throat cancers in men, plus genital warts. Boys get the same protection as girls, and vaccinating them stops the virus from spreading to partners. In India, it's now pushed for boys too (ages 9-14 ideal), especially with new gender-neutral programs. It's a win win for families—protects everyone without extra hassle.

## Q: Should we give the quadrivalent or nanoavalent vaccine?

A: First of all, I think you mean quadrivalent (covers 4 HPV types) vs. nanovalent (covers 9)

Quadrivalent (like older Gardasil or India's Cervavac): Hits the top 4 bad guys (types 6, 11, 16, 18)—great for cervical cancer and warts. Cheaper and enough for most.

Nonavalent (Gardasil 9): Covers those 4 plus 5 more (31, 33, 45, 52, 58)—blocks about 90% of

HPV cancers vs. 70% for quadrivalent which is better if you want maximum coverage.

Go nonavalent if you can afford it (10,000-15,000 for the course in India); otherwise, quadrivalent is solid and widely used. Both are safe—pick, based on budget and doctor's advice.

## Q: Is the Indian made Cervarac equally safe as Gardasil, the original product?

A: Cervavac, the new Indian-made one from Serum Institute. It's quadrivalent (like the original Gardasil) and trials show it's just as safe and effective—no big differences in side effects or protection. A big 2024 study in India proved Cervavac is "non-inferior" to Gardasil, meaning it works at least as well in kids 9-14. It's cheaper too and made here for wider reach. Both are top-notch; go local to save cash without worry.

With this I hope to have answered all the relevant queries in your minds related to cervical cancer vaccine. If any more queries are there please feel free to reach out to me.

#### by Rtn. Dr. SUMAN DAS

RC Waltair

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#### **FACTS**:

- 1. Women diagnosed with cervical cancer are almost twice as likely to die as those diagnosed with breast cancer. Yet it is treatable.
- 2. About 90 % of the women are killed by cervical cancer, and the number was more than 340,000 worldwide in 2020. Common trends are that these women live in low and middle income countries where access to prevention, screening and treatment is severely limited. Also reproductive care remains a taboo.
- 3. The Rotary Foundation has awarded more than \$10.3 million grant funding for cervical cancer projects since 2014. This is your Foundation money at work and it is granted to evidence based programs that align with at least one of Rotary's causes.
- 4. Create awareness this January which is the Cervical Cancer Awareness Month with rallies, talks and distribution of vaccines.

Source: rotary.org





## THE POLIO EPIDEMIC

THE POLIO EPIDEMIC that afflicted Copenhagen in 1952 was centuries in the making. Ancient Egyptian paintings and carvings, including an engraved stone slab at the Glyptoteket museum in Copenhagen, depict people with shrunken limbs, an indication that they may have been stricken with poliomyelitis. Fast forward to 1773 when Sir Walter Scott, while still an infant, was stricken with a fever, during which he (as the Scottish writer put it) "lost the power of my right leg." Though he recovered to some extent, Scott would walk with a limp for the rest of his life.

Despite this evidence that polio had existed for thousands of years, it largely went undiagnosed for almost as long. The Greek physician and philosopher Hippocrates may be known as the Father of Medicine, but he failed to include polio in his list of infectious diseases. It would be more than 2,000 years before scientists first began to identify polio and catalog its impact on people's health. "The disease is thought to have been 'endemic,' meaning that it was widely present," writes Hannah Wunsch. "But because it seemed to cause little paralysis, it generally went unnoticed. ... There were no epidemics, but polio was lying in wait, biding its time."

If polio was antediluvian, its remedy is of more recent vintage. A significant breakthrough occurred a mere 97 years ago, shortly after Philip Drinker visited a Boston hospital ward occupied by children dying from polio. A professor of industrial hygiene at the Harvard School for Public Health, Drinker had been investigating ways to resuscitate workers who had suffered occupational injuries, such as electric shock or gas poisoning.

The visit to the children's polio ward, and the indelible images of "the small blue faces, the terrible gasping for air," changed Drinker's focus. He and his partner, Louis Agassiz Shaw Jr., made modifications to their respirator, and on 13 October 1928, Bertha Richard, diagnosed with polio and struggling to breathe, was placed in the machine. The 8-year-old girl was soon able to, as she said, "breathe bigger," but after six days she succumbed to pneumonia.

One of the next polio patients to benefit from this new invention was a Harvard undergrad named Barrett Hoyt. In September 1929, after only a brief time in Drinker and Shaw's machine, Hoyt, who moments earlier had been blue-faced and gasping for air, spoke two words: "I breathe." Not only did Hoyt breathe, but, after four weeks in the machine, he recovered and lived another 44 years. "Suddenly, respiratory failure was not a death sentence," writes Wunsch. "The monster metal device" soon dubbed the "iron lung" — "was about to become synonymous with the treatment of polio. The relationship between human and machine had been irrevocably changed."

#### AS SHE WAS WORKING ON

what would become *The Autumn Ghost* - the book where all these polio stories appear — Hannah Wunsch had one perplexing concern. "I'm going to have to find a way to help readers figure out why this matters: why mechanical ventilators are important, why intensive care matters," she says, thinking back to the days when she was still "doing research and sort of scratching around" on her book. "This whole world is obviously important, always there day to day, taking care of millions of people worldwide. But there wasn't that sense of 'Isn't this

incredible?' I was writing this book that was in the dark crevices of medical history. That interested me, but how was I going to convince others that it was interesting too?"

And then, in 2020, the pandemic hit. "Suddenly," says Wunsch, "this book felt so relevant because of the fact that everybody was focused on these resources and the people who delivered this care. The parallels were remarkable: the horror of living it and the fear of running out of ventilators. It felt extraordinary how close we actually teetered to the edge of essentially returning to pre-1952 care, where people were just put in the corner and given a bit of oxygen and that was all you could do for them."

That 1952 touchstone is crucial for Wunsch. Though it ranges across several decades and artfully weaves together numerous "tendrils of events" (Wunsch's phrase), The Autumn Ghost is primarily about the polio epidemic that descended upon Copenhagen in 1952. (The book takes its title from the fact that, in Denmark and other Scandinavian countries, the polio season began as summer concluded and the autumnal equinox approached.) But as suggested by its subtitle — How the Battle Against a Polio Epidemic Revolutionized Modern Medical Care — the book is also about the breakthroughs in patient care that followed and that today can seem so unremarkable. Chief among them is that essential place where "patients might seek a reprieve from death: the ICU."

"Whenever I was in [the intensive care unit], I never took it for granted," says Wunsch, an anes-thesiologist and professor at Weill Cornell Medicine in New York City. "I would hook up this machine and walk away and this person would continue to breathe. It would seem just extraordinary."

**BESIDES HER MEDICAL** expertise and her capacity for wonder, Wunsch brings

another crucial skill to *The Autumn Ghost:* She is a superb storyteller with a background in theater. (Based on the memoir of a World War II cryptographer, her play *Silk or Cyanide* got a staged reading in London this past year.) Those abilities serve her well as she unfolds a story packed with drama and inhabited by a vast cast of characters.

The primary setting for that story is Copenhagen's Blegdam Hospital, where the principal characters are two doctors: Henry Cai Alexander Lassen, the hospital's imperious chief, and Bjørn Ibsen, an insightful anesthesiologist capable of envisioning remedial possibilities that lie beyond the confines of his specialty.

When the hospital is overwhelmed by polio patients, many of them seemingly doomed to die, Ibsen, with Lassen's begrudging blessing, contrives a medical intervention that allows patients to continue breathing as they strive to overcome polio's initial onslaught (See "Vivi Ebert is going to die ...," page 36).

Aided by a squadron of medical students, who hand ventilate patients around the clock, the doctors at the Blegdam emerge from their polio ordeal better equipped to handle the next medical emergency, whatever it might be. Their innovations in care, tested on the frontlines, "spread across Europe and then into the rest of the world, changing the concept of who could be rescued," writes Wunsch. "The possibilities were suddenly endless."

While the Blegdam and its doctors and patients may occupy center stage, there are numerous other related stories in *The Autumn Ghost*. (It's one of the book's charms.) Chief among these may be what Wunsch calls the "parallel story": the pursuit of a polio vaccine. "All [the doctors at the Blegdam] wanted was something that would prevent this entire scenario," she says, referring to a hospital besieged by polio patients. "We get this

development of ventilators and intensive care and all of that only because the doctors don't have what they actually want, which is a vaccine." Readers of *The Autumn Ghost* can expect to follow the race to develop that vaccine, though because, as Wunsch admits, it's a story that's been told before, it's not the focus of her narrative.

DESPITE THAT, WUNSCH IS quick to extol the polio vaccines developed by Jonas Salk and Albert Sabin as among the greatest of medical achievements. "Everybody I spoke to who lived through that era would say, 'Thank God for the vaccine,'" recalls Wunsch. "Even the people I interviewed who had polio in 1952, every one of them would say, 'It didn't benefit me, but thank God for that vaccine. My children and grandchildren don't have to worry about polio anymore.' The gratitude for that shift and that ability to eradicate a disease like polio was always there."

Which is why Wunsch worries about the pervasive "nonchalance" about polio among some people today, particularly in countries where the disease no longer exists. "The idea that we're not all interconnected is crazy," she insists. "Everybody should care about the polio eradication efforts in Pakistan. Because all it takes is one person from that region getting on a plane and ending up in New York at the wrong moment and it all falls apart. It gives me nightmares, the idea that my hospital could see

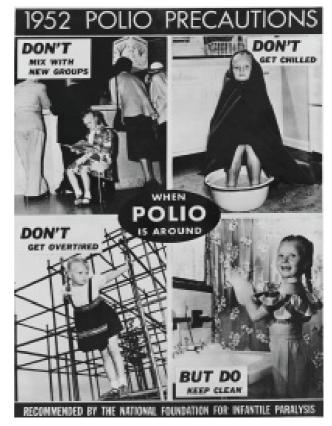
a case of polio. It's just devastating — so you can't let up on that vigilance."

From Wunsch's perspective, another newly arisen specter looms that also frightens her. "The questioning of basic facts that are scientific, the manipulation of data and studies to say something other than what they say: All of that is very, very scary," she says. "It feels like we are getting into a sort of factless world where some of these basics are not being accepted."

It's not just the mistrust or misuse of science that scares Wunsch, but the potential repercussions of such attitudes and actions. "The world will turn into a very different place if organizations like Rotary, the Gates Foundation, and others that are working to eradicate polio can't do their job because of too much pushback," Wunsch says. "I really hope we can figure out a way to reach people and help them understand that vaccines are one of the most extraordinary achievements of the 20th century."

Time spent reading *The Autumn Ghost* may help accomplish just that.

Source: Rotary Magazine



# District Governor's Official Visits





















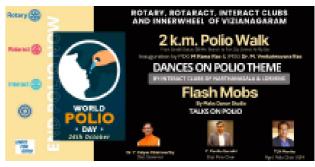


## District Governor's Official Visits



## World Polio Day - Dist. 3020 Rotarians









































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## పోలియో బిసోత్సవ ర్యాలీ, సదస్సు





రాజాం, అక్టోబరు 24 (పీపుల్స్ విజన్) ప్రపంచ పోలియో దినోత్సవం సందర్భంగా రోటరీ క్లబ్ రాజాం బౌన్ అధ్యర్యంలో శుక్రవారం 'పోలియో వ్యాధి నివారణ' పై ర్యాలీ జరిగింది. రోటరీ క్లబ్ అధ్యక్షులు గట్టి పాపారావు, కార్యదర్శి ఎస్. వసంతరావు, సభ్యులు ఆశిరి రామారావు, కొల్లా శృష్టారావు, కొత్తా మధునూడనరావు, మీగడ మళ్లికార్యన, ఆరోతనిహెచ్ జయడేవ్, మక్క అవృలనాయుడు , బివి అచ్యుతకుమార్, ఎస్. జ్రినివాసరావు, శిమకుక్తి మోహనరావు, అల్లాడ జనార్జనరావు, ఆర్. జ్రివల్లి తదితరుల అధ్యర్యంలో జరిగిన ర్యాలీలో విద్యార్ధులు, ఆశా, హెల్ల్ వర్కర్మ పాల్చిన్నారు. కార్యశ్రమంలో అర్బన్ హెల్ల్ సెంటర్ వైద్యాధికారి యు. శిరంశకుమార్ మాట్లాడుతూ, పాలియో నిర్మాలన అందరి ధ్యేయం కావాలన్నారు. కార్యశ్రమంలో భాగంగా మహిళా ఆరోగ్య కార్యశిక్త విజయలక్ష్మి, ఆశా వర్కర్ టి. పోర్యతి, అంగన్యాడీ వర్కర్ ఎం. జ్రీనీవీ లను సత్సరించారు.

## యజ్ఞుప్రపంచ పోలియో దినోత్సవం – రోటరీ యొక్క విశ్వ సేవా

More 24 Nexus

ప్రపంచ పోలియో దినోత్సవం సందర్భంగా రోటరీ క్లబ్ రాజాం టౌస్ ఆధ్వర్యంలో నిర్వహించిన ర్యాలీలో పట్టణ ప్రాథమిక ఆరోగ్య కేంద్రం, ఆదర్శనగర్ వైద్యాధికారి డాక్టర్ యు. కిరణ్ కుమార్ ముఖ్య అతిథిగా పాల్గొని

మాట్లాడుతూ,ప్రపంచవ్యాప్తంగా పోలియో వ్యాధిని నిర్మూలించేందుకు రోటరీ ఇంటర్నేషనల్ సంస్థ 1985లో ప్రారంభించిన "పోలియోస్టన్" కార్యక్రమం గ్లోబల్ స్థాయిలో Read More

## **RID 3020 Announces the District Conference**





PULSE 3020 23 UNITE FOR GOOD

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- ♦ అర్ఐ అధ్యక్షుడు ఫ్రాన్సిస్కో అరెజ్జ్ చెన్నైలో జలగిన బీడ్ 25 కాంక్లేవ్ లో మాట్లాడుతూ "భారతదేశం ప్రపంచంలోనే అత్యభిక రోటలీ సేవా ప్రాజెక్టులను చేస్తున్న దేశం" అని పేర్కొన్నారు. భారతీయుల దాతృత్య స్వూల్తిని ప్రశంసిస్తూ, "రోటలీలో ఇవ్వడం ఒక పండుగలాంటిబి, అబి మనసును శాంతింపజేస్తుంటి" అన్నారు. పాలియో నిర్మూలనను రోటలీకి అత్యంత ప్రాధాన్యమైన కర్తవ్వంగా పేర్కొన్నారు.
- ♦ ఆర్ ఐ డై రెక్టర్ మురుగసందం మాట్లాడుతూ, బీడ్-25 ద్వారా దేశవ్యాప్తంగా 250 కోట్లు విలువైన ప్రాజెక్టులు ప్రారంభమయ్యాయని తెలిపారు. "భారతదేశంలో రొటేలయన్ల సంఖ్యను 2 లక్షలకు పెంచడమే లక్ష్యం" అన్నారు.
- ♦ అర్ఐ డైరెక్టర్ కే. పి. నాగేశ్ మాట్లాడుతూ, "రోటరాక్టర్లు రోటలీ భవిష్యత్తు - వారు చూపే సృజనాత్తకత మలియు శక్తి మనసును అలలిస్తోంటి" అన్నారు. పాలియో నిధుల కోసం "Rotary Premier League" పేరుతో క్రికెట్ టోర్నమెంట్ నిర్వహించాలని ప్రకటించారు.
- టిఆర్ఎఫ్ ట్రస్టీ చైర్ హెంల్గర్ కనాక్ పేర్కొన్నట్లు, నైజీలయాలోని RC Port Harcourt Passport మలయు E-Club Hamburg-Connect కలిసి చేపట్టిన గ్లోబల్ గ్రాంట్ ద్వారా 250 మంది మహిళలు మలయు యువత స్వయం ఉపాథి నైపుణ్యాలు నేర్చుకున్నారు. ఇది స్నేహం నుండి పుట్టిన సుస్థిర ప్రాజెక్టు అని ఆయన చెప్పారు.
- RC Tirupur Pioneers (Dist. 3203) Wow Joy మహిళా సాధికారత ఎక్మోలో 100 మంచి మహిళా వ్యాపారవేత్తలు తమ ఉత్తత్తులను ప్రదర్శించారు. 500 మంచికి ఉచిత కంటి పలీక్షలు, 50 మంచికి గుండె పలీక్షలు నిర్వహించారు.
- RC Kodaikanal (Dist. 3234) గిలజన
   కుటుంబాలకు పక్కా ఇళ్లు నిల్మించి ఆర్ఐ

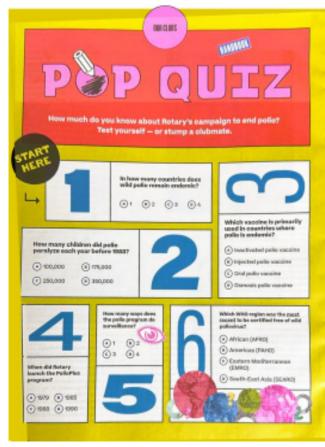
- అధ్యక్షుడు అరెజ్జో చేతుల మీదుగా గౌరవం పాంచింది.
- RC Belur (Dist. 3291) కోల్కతా మునిసిపల్ కార్వొరేషన్ భాగస్వామ్హంతో మహిళల కోసం ఆధునిక టాయిలెట్ కాంప్లెక్స్ నిల్మంచింది. టీనిలో బేజీ కాట్లు, ఫీడింగ్ రూమ్ లు కూడా ఏర్పాటు చేసి మహిళా గౌరవానికి ప్రాధాన్యం ఇచ్చారు.
- ♦ RC Nagpur Ishanya (Dist. 3030) CSR నిధులతో మూడు డయాలసిస్ యంత్రాలను ప్రభుత్వం ఆసుపత్రికి అందించింది.
- ullet RC Solapur Smart City (Dist. 3132) స్వయం సహాయక గుంపుల మహిళలకు మార్కెటింగ్, వ్యాపార సిక్షణ ఇచ్చింది.
- RC Amreli Gir (Dist. 3060) చెవిటి మలియు మూగ మహిళల వృత్తి కేంద్రానికి కుట్టు యంత్రాలు విరాళంగా ఇచ్చి సాధికారత కర్వించింది.

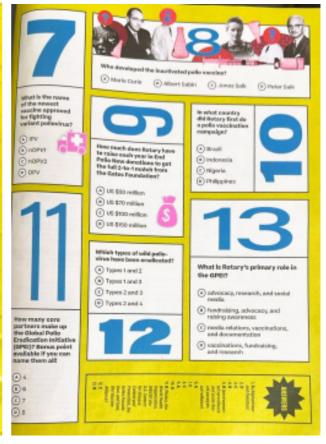
## పర్యావరణం & నూతన ఆవిష్కరణలు :

- RC Mount Everest (Dist. 3292) (నేపాల్) 50,000 Trees in One Day కార్మక్రమంలో నేపాల్, భూటాన్ దేశాల్లో అత్త్యభిక మొక్కలు నాటారు. ఇబి స్థానిక ప్రభుత్వాలు, విద్యాసంస్థలతో కలిసి చేసిన అద్భత సుస్థిర చర్త.
- ♦ RC Hiranandani Estate (Dist. 3142) మహేరా ష్ట్రలోని దుల్మ క్ష ప్రాంతాల్లో 12 చెక్డ్యామ్ల్లు నిల్మంచి 3,000 మంచికి నీటిని అంచించింది.
- RC Jodhpur Midtown (Dist 3053) సభ్యుడు దుంగర్ సింగ్ రాథోడ్ ఆఫ్రికాలోని కిలిమంజారో శిఖరంపై భారత మలయు రోటలీ పథకాలు ఎగురవేశారు.

- ♦ RC East Coast Ramnad (Dist 3212) Rotary Wheels of Love මීoద 125 හිම් ඩුරාූ තිරීම්ස්ථ්ඵරහ.
- ♦ Lead 25 Conclave లో రాజ్మసభ సభ్యుడు కమల్ హాసస్, డా. ఎస్. చంద్రకుమార్ (కావేలీ హాస్టిటల్స్), మలియు ఆర్.ఎస్.కే. రఘురామ్ (PSNA) లకు లైఫ్ట్ టైమ్ అచీవ్ మెంట్ అవార్మలు ప్రదానం చేశారు.
- ♦ రోటలీ ప్రధాన కార్యాలయాన్ని ప్రతిజంజంచే "One Rotary Center Replica" ను చెన్నైలోని హౌస్ ఆఫ్ ఫ్రెండ్ష్మ్మిప్ లో ఆకర్నణీయంగా ప్రదల్శంచారు.
- ♦ సేవ, దాతృత్వం, స్నేహం ఇవే రోటలీ భారతదేశం యొక్క ప్రేరణా మూలాలు. లీడ్ 25 కాంక్లేవ్ ద్వారా సమాజాభివృబ్ధి, మహిళా సాభికారత, పర్యావరణ పలరక్షణలో కొత్త బిశలు సృష్టించబడుతున్నాయి.







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#### అంభవైభ

#### రోటరీక్లబ్ అధ్వర్యంలో పోశిరియోస్తి ర్యారీ



න්වුයල්ය. දේශවී වීම වැදෙසුවේ පුතරේ ප්රසේශ විස්තුර තරගුරුවෙන්ට විසි දුන් ලේගුව ප්රසේශ අත ප්රතිදු ජාතුලි සේගවන් අරමුත්ත වරල්ගෙන්. විස්තුමක දෙම වරල්ගේ මාතුලි සේගවන් සේගුවේ මන්තුම ක්ෂේකයක් මහේගුවේ නිවේ ස්තුලියේ මන්තුම විසුගේ ක්ෂේකයක් මහේගුවේ මතියි වූම ලේකු පතුරුතුයේ එකම්, ක්රම් කළ කිලෙසුවේ පති ස් සේගුවලේ මේ ප්රත්වේ පතුලින්ගේ විසුගුවේ විදිහුතුවේ විසිගේ පූල් මතුත් විසලයේ සේගිකයේ ස්වුකයේ සිරියෙන් ලේකු පතිමත්ත් විසිගුනුවේ කරනු විස පතුලිකයේ සිරියෙන් පුණක් බල මගයේ සිසිගේ පතුලිකයේ සිතුලික සිතුලිකයි සිට සක්සේ බල මගයේ සිතින් සතුලිකයේ සිතුලික සහ විසිතිකයි සක්සි බල මගයේ සිතින් සතුලිකයේ සතුලිකයේ සිතුලිකයි.

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ప్రపంచ పోలియో దినోత్సవం సందర్భంగా పెద్దాపురం-సామర్లకోట రోటరీ క్లట్ ఆధ్వర్యంలో తు క్రవారం పెద్దాపురం మండలం ఆర్ట్ కొత్తూరులో పోలియోపై ఆమగాహన ర్యాలీ నిర్వహించారు. గ్రామ పీధుల్లో నిర్వహించిన ఈ ర్యాలీ సందర్భంగా రోటరీ ఆధ్యమ్లడు తటవస్తి సత్యనారాయణ, సభ్యులు చౌదరి, తోతాపి సత్యనారాయణ, శేమ కుమార్. ವಿಕ್ರಾಂತ್ರ: Visalaandhra Telugu News...



పోలియా కుపాట్నుకలి శాశ్వతంగా పొలక్లోలా



පමණකු - පාස්කා ( පාලිකා විශා නොග පාර විසිම සහ සඳුම් පුර්ගේ සිත් පළමුණ විස්ථිපති විසිම සහ සඳුම් පුර්ගේ විස්ථිකත් බිණිප මරණය පළමුණ පළමුණේ පුර පාස්ථිප පළමුණ විස්ථිපත් පාස්ථි සි ස්ථුවේ සඳු පාස්ථිපත් ප්රූ විස්ථිපත් සහ සම්ථිපත්ව සි ස්ථුවේ සඳුම්ණ පුරිගේපමුණ කිරීම සහ සම්ථිපත්ව සිත්පමුණේ ප්රදේශීවල සිටිමේ සිත් සඳුම් පිරිසේදිකත් ප්රදේශීවල සුව සේථිපත් සිටි සඳුම් පිරිසේදිකත්තර ව්යාමේ විසිමේ ප්රදේශීවල සඳුම් සිතුරුවෙන් සිත් සමුණ පිරිසේ සිත් සඳුම් පිරිසේදිකත් සම්ථිපත්ව සිතුරුවේ ජීවණ සී ව පුරුදුම්වෙන් සිතුරුවේ ප්රදේශීවල සේ විසම සේ පාස්තියේ පුරි යා සම්ජනව විදුල්ලේ පිරිසේ සමුණක, විසිමේ පත්වෙන් විසිකත් ප්රදේශීවලට, විසරේ පත්වේ සමුණක, විසරේ පත්වෙන් ජීවලවේ, ප්රදේශීව, වර් සේප් සේ පාස්තියේ සත් විසිකට පත්වෙන්වේ. ප්රදේශීව



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సుదర్భంగా లోటరీ ప్రద్ త్రేతాకులు, పట్టకు ప్రధిప్పుడు అలోగ్స్ల కేషన్లుం అలయిన్ని, పట్టకు అలయిన్ని, పట్టకు మార్లలే అలయిన్ని, పట్టకు మార్లలే అలయిన్ని పట్టకు మార్లలో ప్రాక్టకులో లో పట్టునులో ఎక్కువ వీర్ల నేందు మర్మ మాత్రములో ప్రాక్టకు వీర్ల వీర్ల వీర్ల పట్టునుకు తెల్లును ప్రవించిందా మాత్రము పట్టకు వీర్లులో అలయా పాత్రస్టిన్ అడ్డి పట్టకు వీర్లులు కాంట్లో మీసుకులు మరించి మార్లలో అల్లున్నారు. ఈ ఎక్కువ మార్లలో మీసుకులు మరించి మార్లలో మీసుకులు మరించి మార్లలో మీసుకులు మరించి మార్లలో మీసుకులు మరించి మార్లలో మరించిలో అల్లున్న మేటు ఆరోగ్స్ మార్లలో ఎరించిలో అరక్కు లోది ఎర్లాస్టులు అంటరికే టోలిటికా మాత్రాలు మర్శలు మరించిలో అరక్కో లోపు మర్లాలను మర్జులు మరించిలో అరక్కో మీసుకులు మర్గులు మేట్లులో మేటుక్కానున్నారు. ఈ సందర్భంగా శ్రీలో అరక్షమ్లులు అంటరం



තික්තර වගේ අමුව කිතර ජීව තිබූ වශපත්ව දුකියේ හැකු විතියම්ප වශප විත්වාකයක්ට මතවත්ය, විත්තර් දුම ප්රකාලයක්ට මතවත්ය, විත්තර පුම ජාත්තලයක් ජිත්තර් පසුවල මත වල පිරිමේ දුක්තර පසුවලට මත වල පිරිමේ පතිවත්ව විත්තුවයන්ටගේ විතාවර පතිවත්ව විත්තුවයන්ටගේ විතාවර පතිවත් පතුව පම්මුවක්ට දුක්කර විතියම් පතුව විම්පුවක්ට දුක්කරේ පතිවත්ව පතුව විම්පුවක්ට දුක්කරේ සමුවක්ට පතුව විම්පුවක්ට දුක්කරේ සමුවක්ට පතුව විම්පුවක්ට දුක්කරේ සමුවක්ට පති, පුමරපුණ ප්රශ්ර පැත්පුපත්තන, මු ල් පති හමුත් වරග්ටුම්මු, සේපර පාදුක්මුවි, පේත්තු තියුත් ප්රවුණපතිපති ඒ සෙරුර ,පේත්තු පත්තුරුණ ම ල්විකප්රපතු , ඒ වරල්ගින්තු සමාපතුරුණ ව වරණ වා රම්කමේකු සමාපතුරිණ පතිපතිව, පේත්තු වාරල්ලය විසාපතිව විසාව පත්තුරුණ ක්රම්පතිව සිටිමේ පත්තුරුණ මිත්විස්ත් ප්‍රවාරව විසාව පත්තුරුණ මාත්තරේ සිටිමේ පත්ති මුල් ල්කාවරේ මමා ප්‍රවාරපතුවම

#### ప్రపంచ పోలియో బసోత్సవం రోటరీ యొక్కపిత్ససీవా యజ్ఞం

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විරාග්ව ප්රවරේ වන් රජන වරදුම් රජා අදහැප්තර . අතු ජින් පසුලා වල දුල්ලය වලදුමණ සැප්‍රීමක විශ් රතු 8 වරුවේ පතුක දුළු වරුත වරුත් දුණුවක ප්‍රධාන පත්කුලා එකේ ඒකත පතුකුට පතුක්කරේ එල්ලව් පතුකු 8 විරාකුත එක් සුව පතා ඒව සැපුලේ ද් වියාත්ති එක්ක සේක්ව විභාගයේ වරුත් වියාත්ත වරුත් වියාත්ත



#### రోటరీ గ్లబ్ ఇవ్వర్మంలో ఘడంగా ప్రపంచ పోరియా ఒకోత్మన ర్యార్

VZM: ప్రపంప పారియో దినోత్సవం సందర్భంగా రోటరీ క్లవ్ అవ్వర్యంలో అక్షవారం గాంధి విద్రహం నుంచి ఫాక్ట్ సిటీ పెల్కల్ మాట్ చరకు ర్మాలీ నిర్వహించారు. రోటరీ పూర్వ గవర్హర్ రామారావు.

## ప్రపంచ పోలియో దినోత్సవ ర్యాలీ



ది అమరావతి వాయిస్,గన్నవరం:

placed their days innounce the day lies, the agent ago palled syntal and the days of may

కృష్ణాతల్ల, గర్శవరం రోజరీ క్రజ్, గర్శవరం వారి అధ్యక్షంలో భ్రవంచ పోలియో దివోత్సవ కార్యక్ర

#### రోటలీ క్లబ్, సిటీ పజ్జక్ స్కూల్ అధ్వర్కాస పోలియో నిర్మూలకపై అథగాహనా ర్యాలీ



#### వేశేలయేం రహిత నీమింజ స్కెపినే రెశేటల్ క్లబ్ ల

- రోటరీ అధ్యక్షులు ఫిలిప్ రాజా

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på engjen tyr, toti vik verge, in form ogd fart andrej fritten og verke blekensp sattliget file på engjet jolen filette i filette og verke bleken filette ogsje stevet vejd. Sejter verk i rejele blegt, notten odd på engjet og till ver svegene gjete ogsjen filette ogst regjeteret fred på dege, relyselet og filette ogst regjeteret fred på dege, relyselet og filette på engen ogst regjeteret fred på dege, relyselet og filette vedding skalle og filette og på engen og till skalle og til ett vedding skalle og filette og til ett vedding filette fred skalle skalle filette og til ett vedde filette og filette og til ett vedding skalle filette og til ett vedde filette filette og til ett vedding fred filette og til ett vedde vedde filette filette og til ett vedding, frej filette og til ett vedde vedde filette filette og filette filette og til ett vedde og til ett vedde filette filette og frede gjete. Degge begjete



# Al-powered devices make the lives of visually-challenged easy

The Hindu Bureau

At a time when the world is talking about Artificial is telligence (AD as the new benchmark for the future, the technology is now mailing the lives of the visually impaired persons easy.

Al-powered eyeglasses, laptops and mobile handsets are becoming a helping hand for the visually challenged persons to car-



Macha Kumar, secretary and correspondent of Dr. Lankapalli
 Bulleyya Collège, giving away an Al-powered eyewear, to a
 vioually-challenged person, in Visually-challenged person, in Visually-challenged person.

devices were distributed to Parishad College in MVP

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