

## Ask for Znc

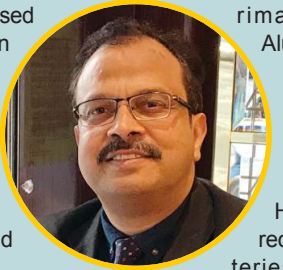
### 'Zinc in the Moon Buggy...'

Zinc was used in the wheels and the batteries of the Moon Buggy. The Lunar Roving Vehicle (LRV) or Lunar Rover was a Zinc-Silver battery-powered four-wheeled rover used on the Moon in the last three missions of the Apollo Program (15, 16, and 17) during 1971 and 1972.

The wheels of the Lunar Roving Vehicle (LRV) were designed and manufactured so as to suit the surface and the environment of the moon. Made by General Motors Defence Research Laboratories in Santa Barbara, California, Ferenc

Pavlics, the engineer, was given special recognition by NASA for developing the "resilient wheel" used tires made of Zinc-coated Steel Strands attached to the rim and discs of Aluminium.

Power was provided by two 36-volt Zinc - Silver - Potassium Hydroxide non-rechargeable batteries, yielding a range of 57 miles (92 kms). These were used to power the drive and steering motors and also a 36-volt utility outlet mounted on the front of the LRV to power the TV camera. The three Lunar Roving Vehicles still remain on the Moon.



## Journey of India's Philately



In the year 1965 the department of post of government of India issued thirteen postal stamps.

The first stamp was issued on January 07 in fond memory of famous industrialist Jamshed ji Tata followed by stamp on Lala Lajpat Rai on January 28. Later on 08 February a stamp on international chamber of commerce congress followed by stamp on National maritime day on April 05 was issued.

On 15 April a stamp was issued on death centenary of Abraham Lincoln followed by stamp on centenary of

International telecommunication union on May 17.

On 27 May a stamp was issued on First anniversary of Nehru's death followed by stamp on international co-operation year on June 26.

A stamp on Indian Mount Everest Expedition was issued on 15 August followed by stamp on Pandit Govind Ballabh Pant on 10 September.

A stamp on the occasion of 90 birth anniversary of Sardar Vallabh bhai Patel was issued on October 31 followed by stamps on Chittaranjan Das and on famous poet Vidyapati Thakur.



# Hyder Kazmi 's JIHAD is winning praise across India and Worldwide!

SKDee

Hyder Kazmi, the renowned actor-producer, has produced a heart touching & soul-stirring movie named JIHAD and ironically at a time when every Indian citizen simply hates even the word Jihad itself. JIHAD is not just a film but a passionate pursuit close to the heart of Hyder Kazmi, since he really wanted to make an out of the box film which would pull the audience's heartstrings. Not only this, his desire to make such a film like JIHAD would not only prove to be a message oriented movie for today's youth but would also serve as a yardstick and lighthouse for the youngsters to choose a path for protecting our motherland India and not against it. Hyder Kazmi had visited the birthplace of Lord Rama, Ayodhya and he launched the poster of his movie in Ayodhya on 6th December 2017. The purpose of launching it in Ayodhya was to give a message to the nation that Humanity rules supreme and the Hindus and Muslims should live in harmony just like they do in Ayodhya.

The Babri Masjid demolition completed 25 years on 6th December 2017 and on this occasion, Hyder Kazmi had

said, "The Ram Temple can be made in Ayodhya as it is Lord Shri Ram's birth place and the Masjid can be made in Lucknow or somewhere else near Ayodhya." Being a Muslim, Hyder has given an amicable solution to the Ayodhya dispute and believes that Hindus and Muslims in India living harmoniously have already set a benchmark for so many generations. This visionary message by Hyder at the promotion of Jihad movie in Ayodhya speaks volumes about this noble soul and the underlying message he wants to communicate through the medium of Jihad. He has made JIHAD based on such an interesting & topical theme that whenever & wherever JIHAD has been screened in the Global Film Festival circuit, the festival's official Jury Members have not hesitated even for an iota of a second in bestowing JIHAD with the "Best Film Of The Year" award. In fact, JIHAD has bagged awards & accolades galore. So it will not be out of place to make a mention of a few well-deserved nuggets at this juncture. JIHAD has bagged the following Winner awards: Toronto International Nollywood Film Festival (Best Actor),



DadaSahebPhalke Film Foundation Award (Best Actor), Malta International Film Festival (Best Actress), Maverick Movie Award, Los Angeles Film Festival, Cinema London (Best Actress), DadaSaheb Phalke Golden Camera Award (Best Film), Calcutta International Cult Film Festival (Best Actor, Best Film),

NRI Achievers Award (Best Debutant Actress), National Human Rights & Social Justice Commission (Best Film, Best Director, Best Actor, Best Actress) Film Festivals. Entering as Finalists in Los Angeles Independent, Los Angeles Cinefest (Best Film, Best Actor, Best Actress), Global Revolution Film

Festival, New York, Malta International Film Festival, Kuala Lumpur Independent (Best Film), Out of the Can Film Festival (Winner Best Film, Best Actor Finalist). Officially Selected at Creation International Film Festival, Canada, The CK Long Island New York, Pembroke Taparelli Arts Los Angeles, Royal Starr Michigan, HongKong National, Boston Galactic Stars, San Francisco, Aab International Punjab, KaPow Intergalactic Los Angeles etc.

Last but not the least Hyder Kazmi seems ecstatic about JIHAD as his long-cherished dream seems to have reached its ultimate pinnacle of fulfillment. Meanwhile for these Hyder Kazmi gives the entire credit to the legendary actors, our very own "Bharat" of Hindi films, Shri Manoj Kumar, Tragedy King Shri Dilip Kumar. Apoint to be noted here is that it was Manoj Kumar who was entirely responsible for bringing Hyder Kazmi to Mumbai then Bombay and gave him a break in his small screen serial. In fact, Hyder Kazmi had one more dream and that was to act in a film with Dilip Kumar. However, Hyder Kazmi had succeeded in getting the neg-

ative cutting of his released film Bobby, not to be confused with the Late Raj Kapoor's film Bobby, at the hands of Dilip Kumar.

In the last one decade Hyder Kazmi has produced & acted in scores of films but the creative satisfaction which Hyder Kazmi experienced in producing & acting in JIHAAD is unbelievable, unthinkable & even unparalleled. In fact, Hyder Kazmi is really at a loss for words to describe his phenomenal feelings. Bollywood will definitely get a serious & accomplished actor in the form of Hyder Kazmi after witnessing his effortless albeit flawless act in JIHAD a la Naseeruddin Shah, Irrfan Khan, Nawazuddin Siddiqui, Manoj Bajpai et al.

The most ardent desire of Hyder Kazmi is that the members of the 4th estate should view JIHAD very carefully albeit very interestingly & very sensitively too. As without the proper & adequate support of the media nothing is possible. Hence Hyder Kazmi wants the media should see the film first and express their unbiased verdict for JIHAD which is all set to release in 2018. JIHAD has been directed by Rakesh Parmar, and it stars the bold & the beautiful Alfeeya.

## Lend these kids your ears!

It was a momentous day for JOSH Foundation when a 100 hearing impaired children from seven schools took to stage, dancing to songs, choreographed on the diverse culture of India. With parents, Principals, and Dr. Jayant Gandhi and Audiologist-Speech Therapist Devangi Dalal cheering on, the children to danced artistically choreographed numbers in sync. Not one made it evident that he/she is hearing impaired! Hearing impairment aids were also distributed to children on the occasion.

ENT Specialist Dr. Jayant Gandhi and Audiologist-Speech Therapist Devangi Dalal are behind many a children learning to overcome their hearing impairment, under their tutelege, as infants, or from the time their hearing impairment has been detected. Says Geeta Shelar, Principal, Sadhana Vidyalaya For Deaf, "Today, each child has emerged a winner as they took to stage and overcame



their impairment to emerge victorious. Not one of them wants to come second or third. They all wish to be No 1. This is the strength that JOSH Foundation's initiative has given them."

Adds Devangi Dalal, "When a child learns a dance from, say, Assam, he decides to learn about the culture, the region, the geographical and historical significance, the cos-

tumes among others. The child lives and breathes Assam and when they perform, they exude that confidence that comes from the strength of knowledge. Not one child missed a step. Tomorrow, these children will grow up to be engineers, choreographers, entrepreneurs, in their own right. One of my students went to the University of Rochester and wrote a mail saying he was the only hear-

ing impaired student who could speak and he learnt sign language to communicate with his hearing impaired peers at the college. His learning here ensured he could communicate and speak though he could not hear. Now that is something we want each of these children to do -- grow up to be people who make a dent in any field they choose. And emerge winners always."

## Care of newborn

Dr Keval Sondager  
M. D., D. C. H.

Pediatrician and Neonatologist  
The birth of a child is the most beautiful experience felt by a woman in her newborn brings a lot of happiness to the family. But along with this it also brings a lot of responsibilities. Inexperience of mother regarding newborn care can put immense stress on her.

There are few basic things we need to understand for the care of newborn. The babies can not communicate, but instead only cry for all their problems and we have to interpret this cry appropriately to console the child as well as the mother. Here I am enlisting some basic rules for newborn care

firstly, we should always clean our hands properly before touching the baby. We should wash our hands with a good soap and then dry the hands properly before touching. Also we should warm our hands by rubbing them so that baby does not feel cold. We should limit the number of visitors in our home especially during first six months. by this we help in preventing infections in the child.

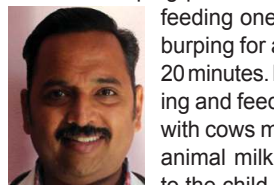
The child should be given breast feeding possibly within first half hour of life and exclusive breast feeding should be continued for first 4 to 6 months and total for about 1-2 years. Mothers milk is adequate in all essential and required nutrients that are needed for the perfect growth of the child. The colostrum, the milk coming in first few days contains immunoglobulins which helps the baby to fight against common infections and a good amount of vitamins to promote

adequate growth of child. The mother should give feeding in sitting or semi recline position and never in sleeping position. Also after feeding one should do burping for about 15 to 20 minutes. Bottle feeding and feeding babies with toots milk or other animal milk is harmful to the child. In sitting or semi recline position and never sleeping position. ALSO after feeding one should do burping for about 15 to 20 minutes. Bottle feeding and feeding babies with cows milk or other animal milk is harmful to the child.

Nothing should be applied on the umbilical cord. The cord usually falls off by 10 days of life. However if there is bleeding or discharge from the cord site then you should immediately consult the paediatrician. Also nothing like kajal should be applied to the eyes. It is harmful.

The surroundings of the baby should be kept warm. The ambient temperature should be comfortable for the baby. If you are having an AC in your room, the blower and the air flow should be away from the child. The temperature should be set at around 25 so that the infant does not feel cold, this is especially very important for Preterm or low birth weight infants.

All the babies should be properly vaccinated. At birth they are given hepatitis b, bog and polio vaccines. Then the rest of vaccines are started at one and half month of age. The paediatrician can design the immunization chart for the child. There are many principles to take care of the newborn baby, one should always consult a paediatrician for any kind of queries rather than doing what the people say.



## Incredible Survival of 400 gram baby- Smallest to survive in India and South Asia

Udaipur: In a State where the skewed sex ratio is a reflection on the way the birth of girls is received by many, the very premature birth of "Baby of Seeta" weighing just 400 grams and subsequent struggle of the doctors and the family to keep her alive and healthy has come as a whiff of fresh air. Baby Seeta is the smallest baby ever to survive not in India but also in South Asia. Doctors calls her "our miracle baby", saying: "She's just fought and fought and fought against all the odds. But she's made it." Born to a couple married for 35 years, when her blood pressure was uncontrollable halfway through her pregnancy and the ultrasonography revealed fetoplacental insufficiency [absent blood flow to fetus]. So she was taken up for emergency caesarean section on June 15, 2017.

Baby Seeta weighed just 400 grams and measured just 8.6 inches when she was born, her minuscule feet only slightly bigger than a fingernail. She was not breathing when she was born. But the couple decided to fight to keep her alive.

"When the baby was born, we were uncertain of what could happen," Dr Sunil Janged, Chief Neonatologist said. The baby required artificial breathing support to regularize her breathing and then she was quickly transferred to Jivanta neonatal ICU. The baby was managed & looked after at Jivanta Neonatal ICU under pre-



cise care of Neonatologist Dr. Sunil Janged, Dr. Nikhilesh Nain & trained nursing staff.

To salvage a baby of this size was challenging. There is no reported survival of a baby weighing this small in India and South Asia. Last reported smallest survival was a baby Rajni weighing 450 grams at Mohali, Chandigarh in 2012. "Babies born this small have extremely poor function of all body organs which include lungs, heart, brain, kidneys, intestine, skin, adrenals etc. and all of them need support for survival of the baby. Problems related to any one system can singularly kill the baby and is the commonest outcome in these cases. The babies that small have less than 0.5 % chance of survival without brain damage," said Dr Pradeep Suryawanshi, Senior Professor Neonatology Bharti University Pune.

She was struggling to breathe, so was immediately put on advanced respiratory support [ventilator] to expand her tiny, immature lungs. She cannot be fed adequately due to immaturity of gut. We had

to start the baby on total parenteral nutrition, which basically means giving all the essential nutrients such as amino acids, lipids, carbohydrates, minerals, multivitamins and trace elements directly into blood circulation. Such baby quickly loses all body water through their fragile parchment like skin by evaporation or they may drain all body water through their immature kidneys. Initial days were difficult as her birth weight dropped down. Gradually she started digesting few drops of milk. She was able to digest milk by 7 weeks of her life and able to drink from spoon after 4 1/2 month. This small baby required respiratory support on and off as she used to hold breath during sleep. The biggest challenge for our team was to prevent any infection to the baby and our team managed it very well. She required multiple blood transfusions during her NICU stay. There were many difficult days and many tears, but she clearly wanted to survive. Special thanks to our amazing NICU nursing staff who took care of this little angel during her stay here, and her parents who were dedicated partners in her care.

In all, she was in the NICU for almost 210 days and today she is being discharged when discharged, her weight was close to 2400 grams. By far the progress and clinical course in the NICU was very satisfactory.

## Proud Occasion

She is awesome  
Awesome like Blossom  
She is remarkable  
Much ahead of appreciation.  
She has made us Proud  
Proudly and bravely  
She stands out of crowd  
Proud without doubt.  
We wish her success  
Lot of good things  
She deserves to be best  
Different from rest.

