



**A TRIBUTE TOWARDS A WOMAN PIONEER  
Dr. MUTHULAKSHMI REDDI**

Dr Muthulakshmi Reddy was an educator, a surgeon, a lawmaker, a social reformer. Dr Muthulakshmi Reddy was the first Indian woman legislator, a campaigner of women's rights; and the driving force behind one of the biggest cancer institutes in India. She was also a driving force behind major improvements and additions to the Children's Aid Society for which she was honoured with the first active Honorary Secretary and Organiser.

Born in 1886 in a middle-class family in Tamil Nadu, she got her early education in a co-education school; she passed her matriculation through private studies and was coached by her own father. Despite stiff opposition from the society, she became the first girl student to be admitted into a Men's college, which was Maharajas College, Pudukottai.

She was also the first and only woman candidate in the Medical College in 1907. She also became the first woman House surgeon in the Government Maternity and Ophthalmic Hospital. As the only woman doctor, Muthulakshmi had a roaring practice.

Her book, My Experience as a Legislator, has recorded all of her services in the Legislature.

The Kasturba Hospital is a monument to her work and efforts in passing the resolution to establish a special hospital for women and children. At her request, the then government opened a children's section in the maternity hospital.

It was due to her persistent efforts that despite opposition, she brought in the Anti-Polygamy Bill. With this, the bill for the suppression of brothels and immoral

trafficking of women and children was piloted by her and was passed in 1930.

She set up a separate hostel for Muslim girls and provided scholarships for Harijan girl's institute. She also recommended the then government to make the minimum age of marriage to at least 21.

Under the Women's Indian Association, she started the Cancer Relief Fund. At the age of 68, She became the first Chairperson of the State Social Welfare Board. She has brought about many improvements and additions to the Children's Aid Society for which she was honoured with the first active Honorary Secretary and Organiser.

She was the Chairman of the All-Asian Conference of Women till 1935. She was also the fifth All-India Women's Conference Session, which was held in Lahore in 1930.

Throughout her life, she was connected with many educational and health activities relating to women and children. With this, She was also the editor of Stree Dharma, an official organ of the Women's India Association from 1931 to 1940.

**Muthulakshmi had many firsts to her credits:**

- She was the first woman to get into a total men's college, Maharajas College
- She was the first and the only woman candidate in the Medical College 1907.
- She was the first woman house surgeon in the Government Maternity and Ophthalmic Hospital.
- She was the first woman legislator in British India.
- She became the first Alderwoman of the Madras Corporation in 1937
- She was the first woman Chairperson of the State Social Welfare Advisory Board in 1954



### பெண்

ஒரு உயிரை உலகுக்கு  
 வரவைக்கும்  
 சக்தி படைத்தவளும் நீயே!  
 இந்த உலகில் வலிமை  
 படைத்தவளும் நீயே!  
 உன்னை யார்  
 புரிந்துக்கொள்ளவில்லை  
 என்றாலும் பரவாயில்லை -  
 முதலில்  
 உன்னை நீயே புரிந்துகொள்!!..

### சாதனை

உன்னால் முடியாது என்று  
 சொல்லுபவர்களை விட  
 உன்னாலும் முடியும் என்று சொல்லும்  
 வரலாறு பக்கங்களில் உள்ளவர்களை  
 நீ தெரிந்துக்கொள்!  
 அப்போது தான் உன்னைப் பற்றி  
 நீ தெரிந்துகொள்ள முடியும்  
 அப்படிப்பட்டவர்களில் சிலர்  
 விண்வெளியில் பறவையாக  
 வலம் வந்த - கல்பனா சாவ்லா!  
 மக்கள் சேவையில்  
 உதவிகரம் நீடிய - அன்னை தெரசா!  
 பெண்களின் வீரத்திற்கு வீர  
 மங்கையாக திகழ்ந்த - ஜான்சிராணி!  
 இளம் வயதிலேயே  
 மக்களுக்காகப் போராடிய - வள்ளியம்மை!  
 இந்தியாவிலேயே மருத்துவப்  
 படிப்பின் முதல் பெண் - முத்துலட்சுமி!  
 இந்தியாவின் முதல் பெண்  
 பிரதமர் - இந்திர காந்தி!!

Rathika.P  
 III year CSE

**I AM A STRONG WOMAN**

I am a strong woman

I am stand between the two poles

Darkness and light

My arms extended to keep them straight

Might comes from most powerful source

I don't rely on the potency of the flesh

That weakens me with every pore

The power within my only authority

So vivid and immense Remains

I am strong woman!!

Dear Women,

Sometimes you'll just be too much Women.

Too smart , too beautiful , Too strong

Too much of something..

That makes a man feel like less of a man,

which will start making you feel

like you have to be less of a woman.

The biggest mistake you can make is

removing jewels from your crown to

make it easier for a man to carry...

When this happens, I need you to

understand, you do not need a smaller crown..

You need a man with bigger hands.

B. Vinothini

II Year Paper Technology



## **PV Sindhu: India's G.O.A.T (Grittiest Of All Times)**

Ace badminton player PV Sindhu clinches the bronze medal for India after defeating China's He Bing Jiao 21-13 21-15 in the third place play-off at Musashino Forest Plaza on Sunday.

With this, Sindhu becomes the first Indian woman to win two individual medals at Olympics. Wrestler Sushil Kumar is the first and only other Indian to win two Olympic medals, following up his bronze at 2008 Beijing with a silver at the London edition.

Sindhu's love for the big stage is well known and Sunday's bronze medal match was yet another testimony to the insatiable hunger and fighting spirit that underlines her career.

For India, it was the third medal here after the silver medal heroics of Mirabai Chanu in weightlifting. This is also the first time that three Indian women have won medals in an Olympic Games and the list can still grow to make it an Olympics to remember for Indian women athletes.

She has set a new yardstick of consistency, dedication and excellence.

Pusarla Venkata Sindhu is arguably the most prolific Indian badminton star of the 21st century. As the first Indian woman to win a silver medal at the Olympics and gold at the BWF World Championships, the World Champion is in a class by herself when it comes to Indian badminton in the 21st century.

Along with fellow badminton player Saina Nehwal and boxer Mary Kom, she has been one of the shining beacons for sportswomen in India. Currently ranked at world number seven, shuttler PV Sindhu remains as one of India's biggest hopes in badminton as the nation gears up for Tokyo 2020.

PV Sindhu was born on July 5, 1995, in Hyderabad, Andhra Pradesh to parents who were both volleyball players at the national level, with her father PV Ramana winning the bronze medal at the 1986 Seoul Asian Games. As a result, sport already coursed through her veins from the start.

While her parents may have been volleyball players, badminton caught PV Sindhu's fancy after watching Pullela Gopichand in action, and by the age of eight, she was a regular at the sport.



**Kaviya**  
II year, Civil



**Manasvini**  
II year, Civil



**Kavya**  
III Year, civil



**Aaryavardhini**  
III Year ,DPT



### **Pragati Scholarship – AICTE-Scholarship Scheme to Girl Child (SSGC)**

- **Purpose-** Pragati Scholarship is meant for girl students who have taken admission in the 1<sup>st</sup> year of diploma/degree programme of an AICTE approved institution. This scholarship for girls offers a scholarship amount of up to INR 30,000 each to 4000 girl students every year to pursue higher education.
- **Award-** INR 30,000 or actual tuition fee amount, whichever is less, and INR 2000 per month for ten months as incidental charges each year
- **Eligibility-** Girl candidates who have taken admission in the 1<sup>st</sup> year of diploma/degree programme of an AICTE approved institution in the current academic year, annual family income must not exceed INR 8 Lakh, not more than two girls from one family can apply for the scholarship.

**Apply-Online**

**Application-** November/December

### **Internshala Scholarship: Career Scholarship for Girls**

- **Purpose-** Internshala Scholarship offers a one-time scholarship of INR 25,000 to a girl who has fought against odds to pursue a career of her dreams in any field (Academics, Sports, Arts etc.).
- **Award-** INR 25,000 [Cash prize] **Eligibility-** Any girl between the age of 17 to 23 years with a career objective can apply.

**Apply- Online**

**Application-** December, January

### **UGAM – Legrand Scholarship Program.**

- **Purpose-** UGAM – Legrand Scholarship
- Program, started by Legrand India, offers a scholarship amount of up to INR 60,000 per annum to class 12 passed girl students to pursue B.Tech, B.E. or B.Arch from a recognised college or university of India. The candidates need to answer three descriptive questions in 600 words on the given topic. Under this scholarship scheme, 50 candidates are shortlisted on the basis of merit, need and family income for the grant of scholarship.
- **Award-** INR 60,000 per annum or 60% of the tuition fee (whichever is less)
- **Eligibility-** Class 12 passed girl students studying in class 1 to 10, must have scored at least 75% marks in class 10 & 12 board, family income must not exceed INR 15,000 per month

**Apply- Online**

**Application-** June/July

### **Free Education Schemes for BC, MBC & DNC students, Tamil Nadu**

- The scholarship is open to students belonging to BC/MBC/DNC category who are pursuing a 3-year degree or polytechnic diploma course or professional degree course.
- The annual income of the family should not be more than INR 50,000.

### **Thanthai Periyar Memorial Award, Tamil Nadu**

- The top two boys and two girls of each district in Tamil Nadu who have scored highest marks in class 10<sup>th</sup> and are pursuing a Polytechnic diploma can apply for this scholarship. The scheme is open only for BC/MBC/DNC students.

(Will be updated)

## Stories Corner

**ஹெ**ன்றி ஃபோர்டிடம் தொழில் தொடர்பான கேள்விகளை நிறைய பத்திரிகையாளர்கள் கேட்டதுண்டு. அவரும் விரிவாக பதில் சொல்வார். ஒருநாள் மாலை, உணவகம் ஒன்றில் ஹென்றி ஃபோர்டு அமைதியாக உட்கார்ந்திருப்பதை ஒரு பத்திரிகையாளர் பார்த்தார். அவரை நெருங்கி தனிப்பட்ட முறையில் ஒரு கேள்வி கேட்டார், "அய்யா! உங்கள் மிகச்சிறந்த நண்பர் யார்?"

ஒரு நிமிடம் யோசித்த ஹென்றி ஃபோர்டு, பேனாவை எடுத்து, மேசை விரிப்பின்மேல் கொட்டை எழுத்தில் எழுதினார், "உங்களுக்குள் இருக்கும் மிகச் சிறந்த அம்சத்தை யார் வெளிக்கொண்டு வருகிறாரோ அவர்தான் மிகச்சிறந்த நண்பர்".

இப்போது சொல்லுங்கள். உங்களுக்கு மிகச்சிறந்த நண்பர்கள் உண்டா?

**அ**ந்தச் சின்னஞ்சிறுவன், தன் வாழ்வில் எட்டப் போகும் இலட்சியங்களைப் பட்டியல் போட்டிருந்தான். அதன் எண்ணிக்கை 127. வளர வளர, புதிய பட்டியல்களையும் உருவாக்கியிருந்தான். குறிப்பிட்ட வயதுக்குப் பிறகு கணக்குப் பார்த்த போது, 127 இலட்சியங்களில் 111 நிறைவேறியிருந்தன. அது தவிர, பிறபட்டியல்களில் இருந்த 400 இலட்சியங்கள் நிறைவேறியிருந்தன.

"தி சர்வைவர்" என்கிற புத்தகத்தை எழுதிய ஜான் கோடார்ட் தான் இந்த சாதனைகளின் சொந்தக்காரர். "நூற்றுக்கு மூன்றுபேர் தான் தங்கள் கனவுகளை எட்டுவதற்கான அடிப்படைத் திட்டமிடுதல்களை அயராமல் செய்கிறார்கள்" என்பது அவரது ஆராய்ச்சி.

கனவுகள் - செயல்முறை- கால வரையறை இருந்தால் நாமும் நம் இலக்குகளை எட்டலாம்.

**ஏ**ழை விவசாயி ஒருவர், வீதியில் நடந்து போய்க் கொண்டிருந்த போது ஒரு சிறுவனின் அலறல் கேட்டது. புதை குழியில் இடுப்பளவு மூழ்கி உயிருக்குப் போராடிக் கொண்டிருந்தான். ஓடிப்போய்க் காப்பாற்றினார் விவசாயி.

மறுநாள் ஒரு கனவான் வந்தார். என் மகனைக் காப்பாற்றியதற்கு மிக்க நன்றி. உங்களுக்கு நான் ஏதாவது செய்ய வேண்டும் என்றார் கனவான். பணம் வாங்க விவசாயி மறுத்துவிட்டார். அப்போது அவருடைய மகன் உள்ளே இருந்து எட்டிப் பார்த்தான். இவனைப் படிக்க வைப்பது என் பொறுப்பு என்று அழைத்துச் சென்றார்.

அந்த ஏழைச் சிறுவன் நன்கு படித்து, லண்டனில் ஒரு மருத்துவராகத் தேறினான். அந்தச் சிறுவன்தான், பென்சிலின் மருந்தைக் கண்டுபிடித்த சர்அலெக்சாந்தர் ஃப்ளெமிங். செல்வந்தரின் மகனுக்கு நிமோனியா காய்ச்சல் வந்தபோது, பென்சிலின் தான் அவனைக் காப்பாற்றியது.

தந்தையால் ஒருமுறையும் மகனால் ஒருமுறையும் காப்பாற்றப்பட்ட அந்த செல்வந்தர் வீட்டுப்பிள்ளை யார் தெரியுமா? வின்ஸ்டன் சர்ச்சில்!!



# INDIA'S GOLDEN GIRL AT TOKYO PARALYMPICS



## AVANI LEKHARA

19-year-old Avani Lekhara etched her name in the history books herself becoming India's first women para-athlete to claim a gold medal at the Paralympic Games, with no less than a world record-equaling effort in Women's 10m Air Rifle. Avani who works as an Assistant Conservator of Forests in Rajasthan and trains at the JDA Shooting Range in Jaipur, shot 621.7 points to finish seventh in qualification and secure a place in the final. She has been wheelchair-bound since a road accident in 2012. The school topper believes life is not about holding good cards but playing well with those one holds.

Her father encouraged her to get involved in a sport, and she initially tried both shooting and archery. She found she enjoyed shooting more, and was also inspired by Indian shooter Abhinav Bindra after reading his book.

She has won many World Cup medals since 2017 including a Silver with a Junior World Record in R2 at the WSPS World Cup 2017, bronze at the WSPS World Cup Bangkok 2017, silver in the WSPS World Cup in Osijek, Croatia 2019 and silver in the WSPS World Cup Al-Ain 2021. She won the Tokyo Paralympics quota in February 2019 in the UAE.



## KUYILI: THE BRAVE WOMAN WARRIOR

Kuyili was born in the 18th century at Kudanchavadi, near Sivagangai district. Kuyili was daughter of farmer Family. Her mother was also known for her bravery and is said to have died while fighting with a wild bull to save her fields from being destroyed. Kuyili was a devout commander of Velu Nachiyar and had saved her life on many occasions. On one of such occasion, when she came to know that her silambam teacher was actually a spy, she took action to save the queen immediately. On another occasion, when the queen was attacked during her sleep, she attacked the enemy and herself in the process.

Seeing her loyalty and bravery, she was made the commander-in-chief of the women wing of her army. Kuyili later played an important role in the Sivagangai expedition of Queen. Kuyili is known for her suicide attack in 1780. While attacking a fort of East India Company, she applied ghee on her body, set herself ablaze and jumped into the armoury of the East India Company, securing victory for Velu Nachiyar. Died on 1780 at Sivagangai District, Tamil Nadu.



## Participants in Various Events

S.No.	Name of the Student	Programme attended	Venue	Date
1	P. Kawshika	District Level Yogasana Championship-2021 <b>Won First Prize</b>	Trichirappalli Yogasana Sports Development Association, Thiruvarul Gurukulam, Trichy	11/7/2021
2.	B. Shaahin	Bridal Make-up contest(Inter College Event) <b>Won Second Prize</b>	K.Ramakrishnan College of Engineering, Trichy	29/4/2021
3.	R. Dhivya Jennifer	Webinar on Try and Fly	SRM TRP Engineering College, Trichy	29/5/2021
4.	K. Kavya	Virtual Internship Programme on Industry Specific Skills	SRM TRP Engineering College, Trichy	3/5/2021 to 31/5/2021
5.	R. Dhivya Jennifer	Virtual Internship Programme on Industry Specific Skills	SRM TRP Engineering College, Trichy	3/5/2021 to 31/5/2021

## Indian Women Participants in Tokyo Olympics

S.No.	Name of the Participant	Name of the event	Medals won
1.	Deepika Kumari	Archery	-
2.	Bhawna Jat	women's 20km race walking	-
3.	Priyanka Goswami	women's 20km race walking	-
4.	Annu rani	women's javelin throw	-
5.	Dutee Chant	women's 100m and 200m	-
6.	Kamalpreet Kaur	women's discus throw	-
7.	Seema Punia	women's discus throw	-
<b>8.</b>	<b>PV Sindhu</b>	<b>BadMinton</b>	<b>Won Bronze Medal</b>
<b>9.</b>	<b>Lovlina Borgohain</b>	<b>Boxing((women's, 69kg)</b>	<b>Won Bronze Medal</b>
10.	Pooja Rani	Boxing (Women's, 75 Kg)	-
11.	Mary Kom	Boxing (Women's, 51 Kg)	-
12.	Simranjit Kaur	Boxing (Women's, 60 Kg)	-
13.	Bhavani Devi	Fencing	-
14.	Anirban Lahiri	Golf	-
15.	Aditi Ashok	Golf	-
16.	Pranati Nayak	Gymnastics	-
17.	Sushila devi Likmabam	Judo	-
18.	Anjum moudgil	10m women's air rifle	-
19.	Apurvi chandela	10m women's air rifle	-
20.	Tejaswini sawant	50m women's rifle 3 position	-
21.	Manu bhaker	10m women's air pistol	-
22.	Yashaswini singh deswal	10m women's air pistol	-
23.	Rahi sarnobat	25m women's pistol	-
24.	Chinki yadav	25m women's pistol	-
25.	Maana patel	Swimming	-
26.	Nethra Kumanan	Sailing.	-
27.	Manika batra	Table Tennis	-
28.	Suthirtha Mukherjee	Table Tennis	-
29.	Sania mirza and ankita raina	Tennis	-
30.	Seema bisla	Women's freestyle, 50kg	-
31.	Vinesh phogat	Women's freestyle 53kg	-
32.	Anshu malik	Women's freestyle 57kg	-
33.	Sonam malik	Women's freestyle 62kg	-
<b>34.</b>	<b>Mirabai chanu</b>	<b>Weightlifting</b>	<b>Won Silver Medal</b>

# Indian women Team participated in Tokyo Olympics-2020



**Goalkeeper:** Savita

**Defenders:** Deep Grace Ekka, Nikki Pradhan, Gurjit Kaur, Udita

**Midfielders:** Nisha, Neha, Sushila Chanu Pukhrambam, Monika, Navjot Kaur, Salima Tete

**Forwards:** Rani, Navneet Kaur, Lalremsiami, Vandana Katariya, Sharmila Devi

## Bhavina Patel Clinches Silver medal for India in Table Tennis



'Wasn't able to give my 100%,' says Bhavina Patel after winning silver



**Bhavinaben Hasmukhbhai Patel** The first ever India's table tennis player and second female athlete to achieve the feat at Paralympics games. She entered the history books today after winning India's first-ever medal in table tennis in the Paralympic Games. The 34-year-old, who made her Paralympic debut at Tokyo 2020, clinched silver after a tight-battle against world number one ZHOU Ying from People's Republic of China.

Whilst Patel lost in the finals, she was one of the breakout stars at the Paralympic Games after making a spectacular campaign all throughout the table tennis competitions and progressing in each round until the finals.

"This match is a big experience for me. The mistakes I made today, I will take and work at. I will do better next time," Patel said after the gold medal match."

She belongs to sundhiya near vадnagar Gujarat. Patel, was diagnosed with polio when she was 12 months old. While studying at BPA she developed an interest in the sports. She has won many gold, bronze and silver medals for India in 28 international events including world championships.





## HANDLOOMS IN INDIA

- Handloom constitutes a timeless facet of the rich cultural heritage of India. As an economic activity, the handlooms occupy a place ; second on to agriculture in providing livelihood to the people.
- Tradition of weaving by hand is a part of the country's cultural ethos. Weavers with their skillful blending of myths, faiths, symbols and imagery provide their fabric on appealing dynamism. The strength of the handloom lies in the innovative designs, which cannot be replicated by the power – looms sectors.
- Almost every state of India has a unique handloom products to offer such as bulker from Punjab, Chanderi from Madhya Pradesh, Ikats from Andra Pradesh, Tie and Die from Rajashthan and Gujarat. Daccai from West Bengal, Procude from Benares or Jacquard from Uttar Pradesh.
- August 7<sup>th</sup> was chosen as the National Handloom Day. It was launched in 1905.
- The Government was also supported to the handloom sector such as National Handloom Development Program, Weavers Mudra Scheme, Handloom weaver Welfare Scheme, Yarn Supply Scheme, etc.
- The Handloom sector is an important sector providing large scale employment in rural areas as well as preserving heritage. The sector is facing several challenges but the future growth in the handloom sector could be achieved through a series of strategic intervention in the key constraint area highlighted above.
- Many of these interventions may be market players. Government introduced like Banks(especially Co-operative Banks) NA-BARD, Handloom Development Cooperation, Apesc weaver's Cooperatives, PWCS, etc., can play an important role in bringing back vibrancy to this sector. Handloom refers to wooden frames of different types which are used by skilled artisans to weave fabrics usually from natural fibres like Cotton, Silk, Wool, Jute, etc. Right from spinning the yarn, colouring to weave on the loom if done by them. Fabric produced from these looms is also referred to as handlooms.
- Some other Problems are shortage of inputs and problems of working capital, lack of awareness on customer preferences, inability to distinguish between hand loom and power-loom products, lack of promotional companies, inconsistencies in quality of products and insufficiency in supply chain, greater competition from power-loom, Technological backwardness, reduction in number of weavers, etc.,

- **Interesting Facts about Handlooms:**

- The production of handloom in 2021 was INR 24,300 crores industries as on (2021 March).
- The number of households engaged in handloom activites was 31.45 lakhs.
- As per the fourth, All India Handloom Senses (2019-2020) there are 26,73,891 handloom weavers and 8,48,621 allied workers in the country. In India, Rajasthan, Uttar Pradesh and Maharashtra has the largest number of handlooms.

**B. Manasvini**  
**II year Civil**

# DID YOU KNOW?



According to studies based on human psychology and personality traits, your walking style reveals a lot about your personality. These studies also say that the way you walk, including speed, tells a lot about your personality traits. "A faster pace is linked to higher levels of conscientiousness, and openness, and lower levels of neuroticism," revealed the researchers.

## Did You Know.....

**IEEE – Institute of Electrical & Electronics Engineer**

**MCCB – Moulded Case Circuit Breaker**

**ELCB – Earth Leakage Circuit Breaker**

**RCCB – Residual Current Circuit Breaker**

**MCB – Miniature Circuit Breaker**

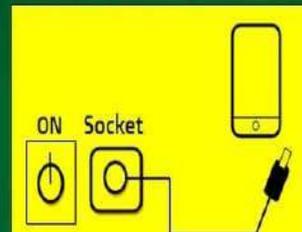
**RCB – Residual Current Breaker**



In ancient Rome, plastic surgery started as a means to remove scars. People in Rome were afraid of scars on their back as it was considered shameful and depicted that a man had turned his back during the war. – Hence, they would let their scars removed through ancient plastic

## Is there any wastage of electricity occurs ?

If we remove a cellphone from charging but keep the charger plugged in & leave the switch **ON**, theoretically there won't be any flow of electrons as circuit isn't closed. But the step down T/F used inside causes very small power losses because all mobile chargers convert higher voltage ratings into small voltage ratings (220v ac to 5v dc conversion) even though no load is connected. This current is known as **bleeding current**. It is a property of every electronic devices includes TV, DVD, Printers etc.



## IEEE-Institute of Electrical & Electronics Engineers

The Institute of Electrical and Electronics Engineers is a professional association for electronic engineering and electrical engineering with its corporate office in New York City.



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