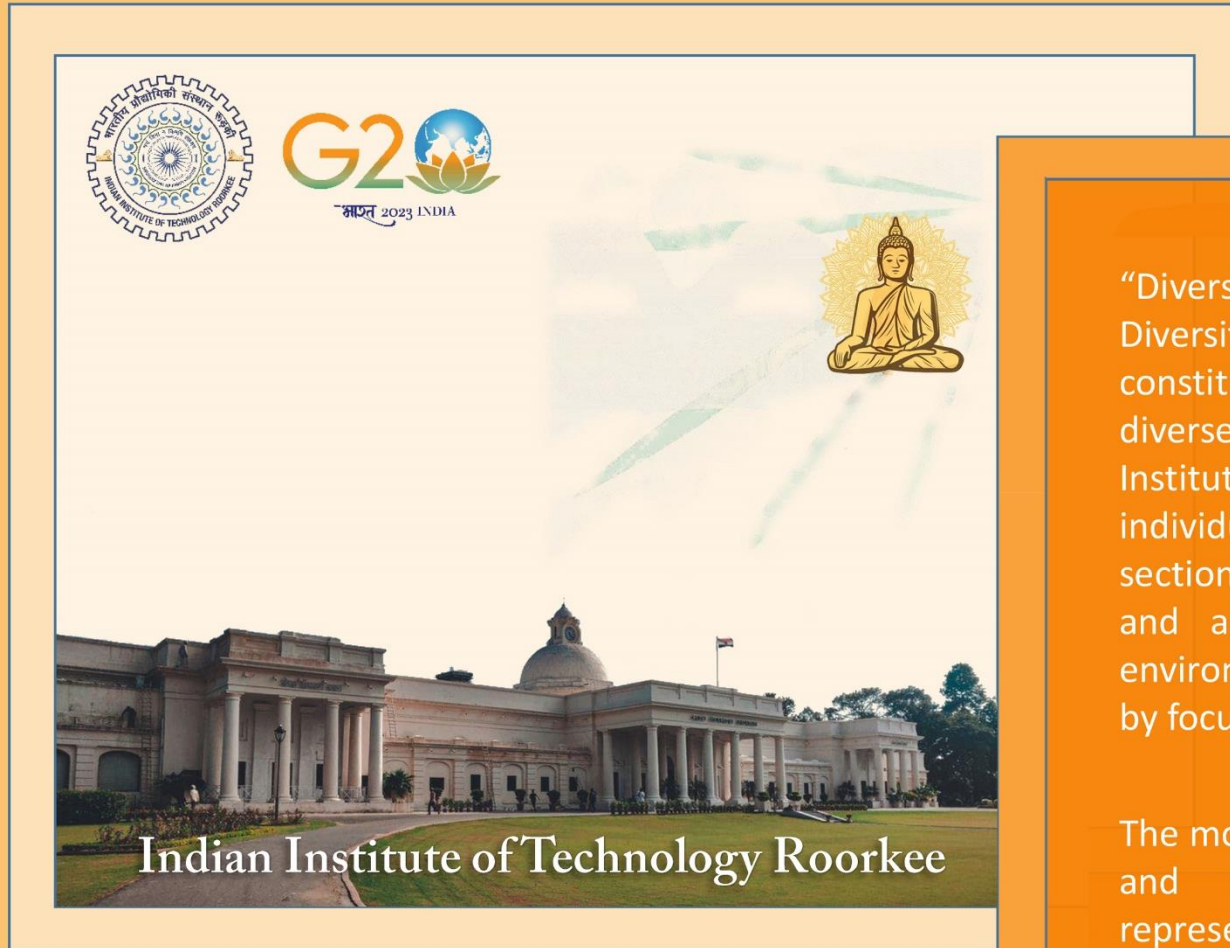


# Diversity and Inclusion Committee (DInC), IIT Roorkee

## Calendar: Year 2023



“Diversity is the fact and Inclusion is the behavior”. The Diversity and Inclusion Committee (DInC), IIT Roorkee is constituted to celebrate plurality in cultural values, to attract diverse talents and to enhance engagement initiatives of the Institute. The aim of constituting this committee is for all individuals in the Institute to be truly representative of all sections of society and for each of them to feel respected and able to give their best. The DInC promotes an environment for creating and sustaining a culture of equality by focusing on gender and ethnicity.

The motto of DInC is “Fostering Excellence through Diversity and Inclusion”. The DInC committee consists of representative members across Students, Faculty, non-Teaching staff- Technical and Managerial, and co-opted International students.

“A lot of different flowers make a bouquet”

- Old Proverb



# Diversity and Inclusion Committee (DInC) IIT Roorkee

## JANUARY 2023



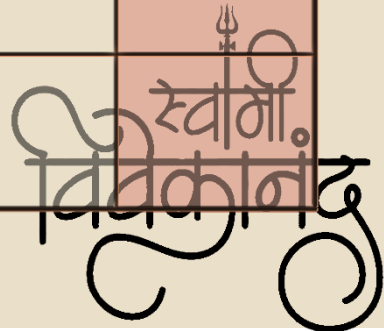
Swami Vivekananda's  
Chicago speech



“Knowledge is nothing but finding unity in the  
midst of diversity”

- Swami Vivekananda

SUN	MON	TUE	WED	THU	FRI	SAT
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31		Republic Day		





$$\Delta E = \frac{h}{2\pi I} (2J+3) \left\{ E_{\text{electronic}} + \frac{h^2}{2I} (J+2)(J+1) \right\}$$

$$E_{\text{electronic}} + \frac{h^2}{2I} J(J+1) \quad \nu \quad \nu$$

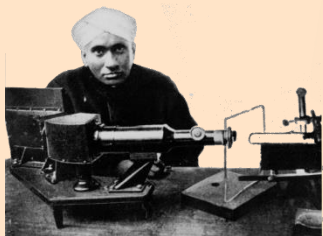
$$E_{\text{vibron}} = h\nu \quad \text{Raman scattered photon} \quad \nu = \nu - \frac{h}{2\pi I} (2J+3)$$

# Diversity and Inclusion Committee (DInC) IIT Roorkee

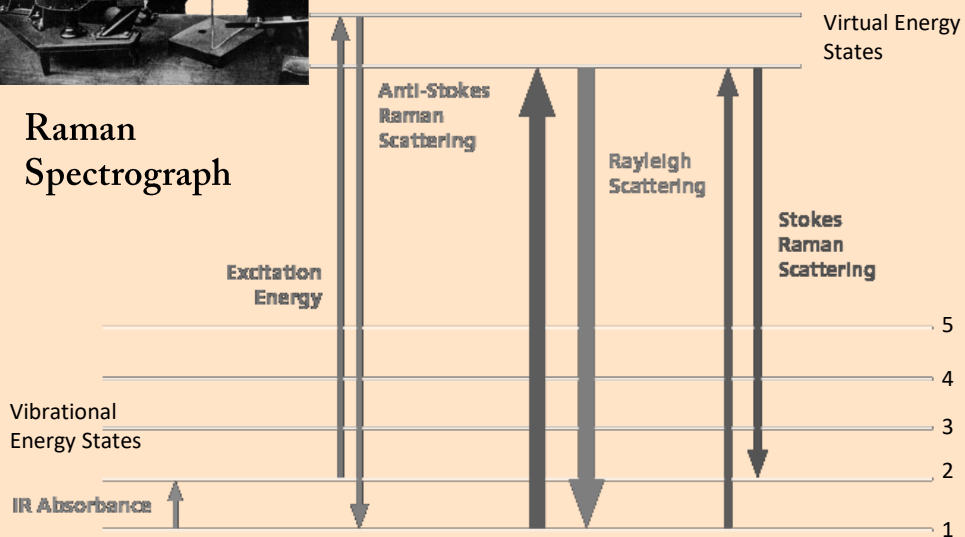
## FEBRUARY 2023

### Calculating Raman Shift

$$\Delta \nu_s (\text{cm}^{-1}) = \left( \frac{1}{\lambda_0 (\text{nm})} - \frac{1}{\lambda_s (\text{nm})} \right) \times \left( \frac{10^7 (\text{nm})}{(\text{cm})} \right)$$



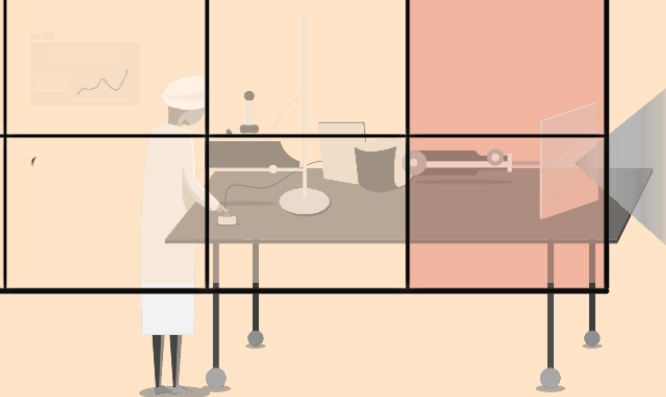
### Raman Spectrograph



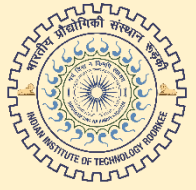
“You can’t always choose what comes into your life but you can learn what lessons they teach you”

- C.V. Raman

SUN	MON	TUE	WED	THU	FRI	SAT
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5	6	7	8	9	10	11
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26	27	28				







# Diversity and Inclusion Committee (DInC) IIT Roorkee

## MARCH 2023

$F = \frac{q_1 q_2}{4\pi\epsilon_0 r^2}$   $\Phi = \int \vec{B} \cdot d\vec{a}$   $f = \frac{v}{\lambda}$   $\omega = \frac{2\pi}{T}$   $C = \frac{v}{f}$

$E = \sum \frac{1}{r^2}$   $R = \frac{1}{\mu_0 \epsilon_0} \frac{1}{c^2}$   $\omega = 2\pi\nu$   $\Phi = BS \cos \alpha$   $E = mc^2$

$h = 6.63 \cdot 10^{-34} \text{ J}\cdot\text{s}$

$\psi_n = \sqrt{\frac{2}{l}} \sin \frac{n\pi x}{l}$   $\omega = \sqrt{\omega_0^2 - \beta^2}$   $h\nu = A + \frac{mv_{max}^2}{2}$

**Le Modulor**

$\Delta p = \frac{2\pi\hbar}{\lambda} \Delta x$   $p = nkT$   $\langle E \rangle = \frac{3}{2} kT$

$U = \frac{1}{2} \frac{q^2}{4\pi\epsilon_0 R}$   $\frac{pV}{T} = \frac{m}{\mu} R \cdot 3/2$   $v = \frac{h}{m\lambda}$   $\sigma = en(u_n + u_p)$

$q = \frac{4\pi\epsilon_0 Q}{R}$   $D = \frac{1}{3} \langle v \rangle \langle \lambda \rangle$

$E_n = \frac{h^2}{8ml^2} n^2$   $E_{rel} = \Delta mc^2$

$R_n = \frac{3/2}{8} \frac{r}{ne}$   $p = \frac{h}{\lambda}$

$\psi = N \psi$

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8 Holi	9	10	11
12	13	14 B'D Day	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

"Before God, we are all equally wise, and equally foolish"

- Albert Einstein

$p = nRT$   $\vec{P} = \int \vec{B} d\vec{a}$   $H_n = \frac{\Delta E}{\Delta x}$   $\Phi = NBS$

$E = mc^2$   $\omega = 2\pi f$   $\vec{E} \times \vec{B}$   $\vec{E} = -\nabla\phi - \dot{\vec{A}}$   $\vec{B} = \nabla \times \vec{A}$

$\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$   $\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$

$\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$   $\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$

$\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$   $\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$

$\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$   $\vec{F}_n = \rho \vec{g}$   $\vec{F}_g = m\vec{g}$





# Diversity and Inclusion Committee (DInC) IIT Roorkee

## APRIL 2023

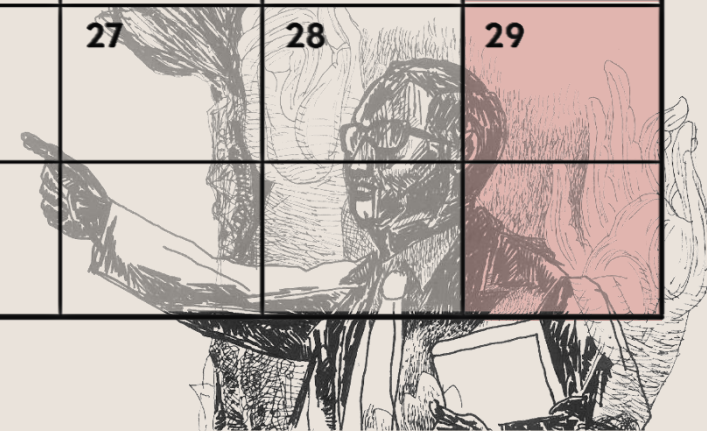


The Indian Constitution

“I measure the progress of a community by the degree of progress which women have achieved”

- B.R. Ambedkar

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4 Mahavir Jayanti	5	6	7 Good Friday	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29 Idu'l Fitr
30						







# Diversity and Inclusion Committee (DInC) IIT Roorkee

## JUNE 2023

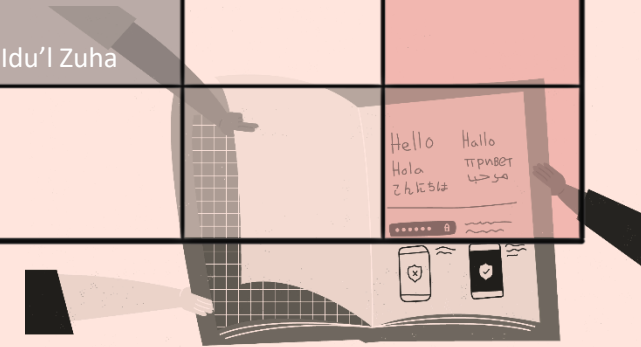


Google's policy on inclusive design

“A diverse mix of voices leads to better discussions, decisions and outcomes for everyone”

- Sundar Pichai

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
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18	19	20	21	22	23	24
25	26	27	28	29	30	
				Idu'l Zuha		

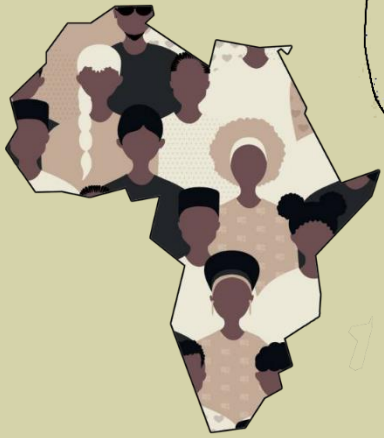






# Diversity and Inclusion Committee (DInC) IIT Roorkee

## JULY 2023



First President of South Africa

“For to be free is not merely to cast off one’s chains, but to live in a way that respects and enhances the freedom of others”

- Nelson Mandela

SUN	MON	TUE	WED	THU	FRI	SAT
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					





Peace Begins with a smile.



God, Children and Inclusivity

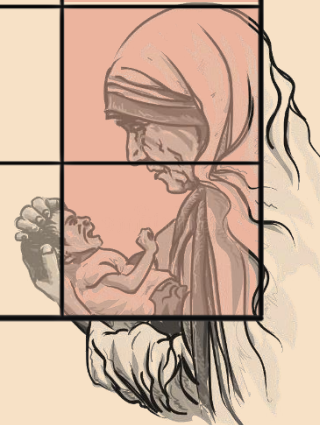
“Together we can do great things”

- Mother Teresa

# Diversity and Inclusion Committee (DInC) IIT Roorkee

## AUGUST 2023

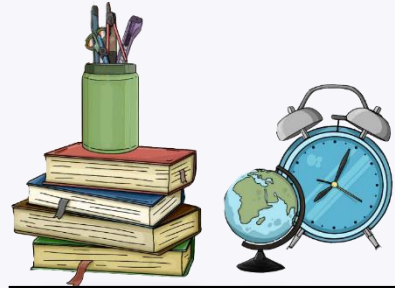
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15 Independence Day	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30 Rakshabandhan	31		





# Diversity and Inclusion Committee (DInC) IIT Roorkee

## SEPTEMBER 2023



Teaching and Inclusivity

“Books are the means by which we build bridges between cultures”

- Sarvepalli Radhakrishna

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5 Banners	6	7 Janamashtami	8	9
10	11	12	13	14	15	16
17	18	19 Ganesh Chaturthi	20	21	22	23
24	25	26	27	28 Id-e Milad	29	30

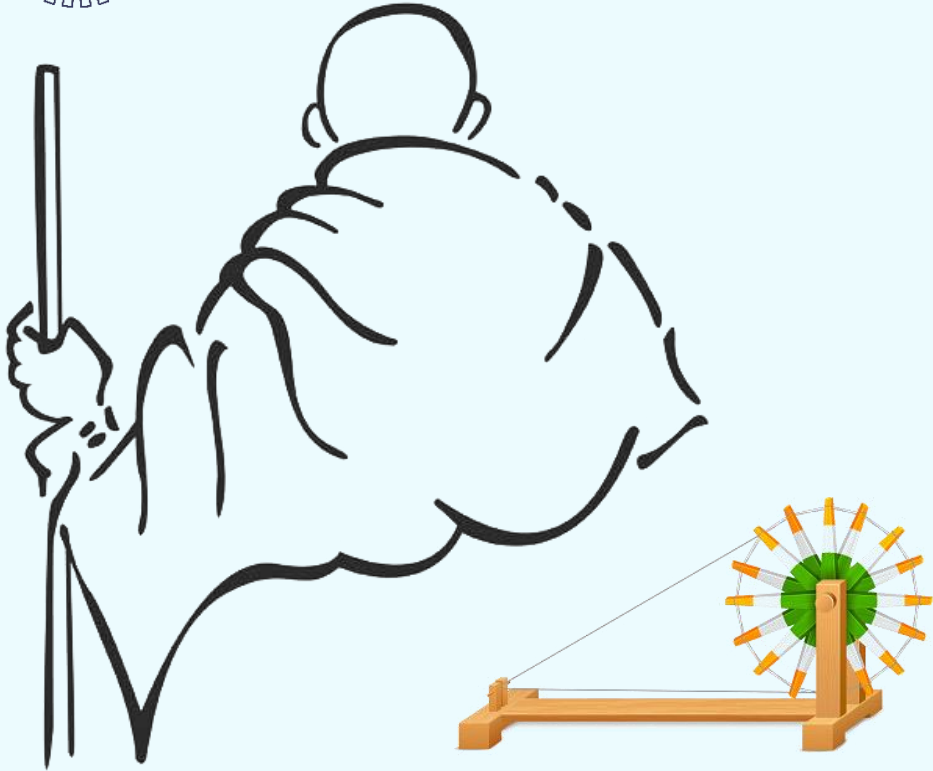
*S. Radhakrishna*





# Diversity and Inclusion Committee (DInC) IIT Roorkee

## OCTOBER 2023

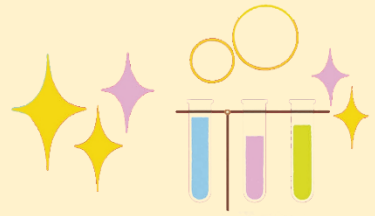


Goodwill, Peace and Co-operation

“Our ability to reach unity in diversity will be the beauty and test of our civilization”

- Mahatma Gandhi

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 Mahatma Gandhi's Birthday	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24 Dussehra	25	26	27	28
29	30	31				



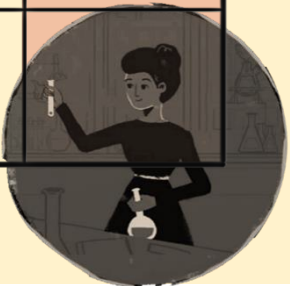
The first woman to receive a Nobel prize

“Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less”

- Marie Curie

# Diversity and Inclusion Committee (DInC) IIT Roorkee NOVEMBER 2023

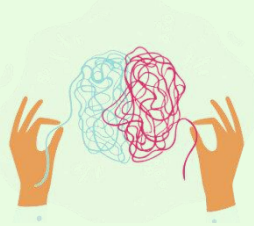
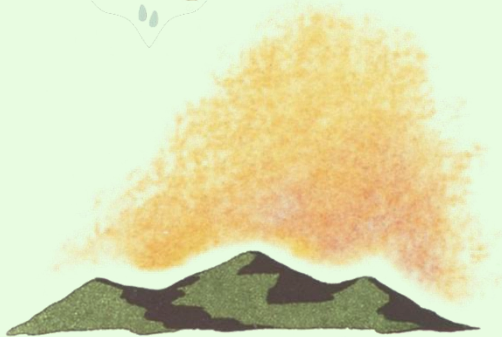
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12 Diwali	13	14	15 Bhai Duj	16	17	18
19	20	21	22	23	24	25
26	27 Guru Nanak's Birthday	28	29	30		





# Diversity and Inclusion Committee (DInC) IIT Roorkee

## DECEMBER 2023



Community and Unity

“Share our similarities, celebrate our differences”

- M. Scott Peck

SUN	MON	TUE	WED	THU	FRI	SAT
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17	18	19	20	21	22	23
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31						





# 2024

## Diversity and Inclusion Committee (DInC), IIT Roorkee

### JANUARY

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21	22	23	24	25	26	27
28	29	30	31			

### FEBRUARY

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

### MARCH

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24	25	26	27	28	29	30
31						

### APRIL

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21	22	23	24	25	26	27
28	29	30				

### MAY

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26	27	28	29	30	31	

### JUNE

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### JULY

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

### AUGUST

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

### SEPTEMBER

S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

### OCTOBER

S	M	T	W	T	F	S
		1	2	3	4	5
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

### NOVEMBER

S	M	T	W	T	F	S
					1	2
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17	18	19	20	21	22	23
24	25	26	27	28	29	30

### DECEMBER

S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



January: Swami Vivekanand

Swami Vivekanand in his Chicago speech talked intensively about inclusivity, tolerance and acceptance.

February: Sir C.V. Raman

The Raman spectrograph helps in identification of materials and colours in ancient paintings. It promotes coalition between two similar fields and conservation of historic paintings.

March: Dr Albert Einstein

He assisted in development of the concept of “Le Modular” man which was created by Le Corbusier and brought a human scale to architecture.

April: B.R. Ambedkar

The father of Indian constitution touched every life in India and imparted the valued of secularism, inclusion and equality throughout the nation.

May: Rabindranath Tagore

The skilled poet through his beautifully crafted poems dissipated gender equality within the nation. His poem purabi is the one that he dedicated to the queen of England.

June: Sundar Pichai

One of the most influential personalities of the 21<sup>st</sup> century, he worked in the domain of autism and brought a lot of inclusive policies to google.

July: Nelson Mandela

One of the most influential South African anti apartheid activist, he broke the system of racism and acted as the first president of South Africa.

August: Mother Teresa

Widely known for her work with children, orphans and the elderly, mother Teresa brought everyone together as part of a society.

September: Prof Sarvepalli Radhakrishna

One of the most influential professors, who later served as the second president of India

October: Mahatma Gandhi

The father of nation, united the entire country irrespective of race, religion or colour and led them to freedom.

November: Dr Marie Curie

A brilliant physicist and an inspiration to all women, titled as “the first lady to win a Nobel prize”. Her work in radioactivity is timeless.

December: Dr M. Scott Peck

The influential author of psychology books who brought the world’s attention to mental health and its inclusion in all the fields of research.



Created by:

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