

### **EDITORIAL**

2020 has ended! Almost a blur for everyone globally, the year had been a challenging bring ups and downs for all. Here's wishing all you readers a HAPPY NEW YEAR 2021!



This moment as we transition from 2020 to 2021 - apart from forwarding whatsapp wishes to our friends and family, apart from trying to overcome the challenge to remember and get adjusted to using 2021 in our dates (albeit the multiple scratching of involuntarily writing 2020), apart from dragging yourself to return to work after wonderful holiday season - it worth looking backing and reflecting on the past year. I know its been such a tough year with a global

pandemic creating havoc in all our lives but that isn't the only thing—the year taught us all great lessons. The biggest of them is - how you can turn the tables into your favor and make it work even when all hell breaks loose. Yes! All of us have had our perspectives changed and now we see the world and possibilities through a new set of eyes. We all have no idea what 2021 has in store but I am sure the past year has us prepped to work through anything.

As we speak of lessons learnt from 2021 - another thought is how even a small effort put forth with all earnestness has the potential to cause a huge impact. Every frontline worker, every individual's effort during the pandemic helped us build our way around the challenge and work our way back to a functioning somewhat normal life.

This brings to me to ponder over three important articles in this edition. Firstly, as we commemorate the life of Dr. Roddam Narasimha Sir—he did not just uphold the UVCEian torch high but the entire nation's prestige and pride in the global technical community. The legendary and rich accomplishments left behind by him are on one scale while the humility and inspiration he possesses stands on the other. As we sat down to pen the tributes in this edition, we realized what an astounding effect he had on people from his interactions with be it a senior alumni or a current student. Secondly, it has been 10 years since the MegaReunion Event, a celebratory extravaganza by the UVCE alumni community in 2011. Lastly, VisionUVCE Scholarships were awarded for the 10th consecutive year and this year the initiative has grown bigger with over 63 students (from 2nd to 4th year) awarded the scholarships.

What we can notice common between the two is that Roddam Narasimha Sir who hailed from a humble background, putting forth his ideas which may have started simple and working hard incessantly over the years to realize them has today led to a huge impact in the technology world whilst Mega Reunion which started as simple idea to gather alumni went on to become bigger and bigger—finally a colossal event creating a huge impact on the alumni community to give back over years. On similar lines, the scholarship program started out as humble effort 10 years ago to aide the students—from a handful in 2011 to over 63 students today, the initiative has seen tremendous growth and aided the students greatly over years which no one imagined.

Lets hem our thought together here - from these stories close to home or from a response system built in the pandemic that we must solely focus on employing our best efforts even if the task/idea is simple rather than focusing all our energy into worrying or panicking about the results. If the intention is right, the effort and dedication is unwavering—the result it shall have may/may not take time but will definitely be impactful. So this new year beam all your focus and get started on your ideas without worrying too much about its implications/future effects.

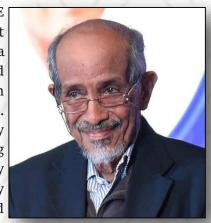
This edition, we have crafted a tribute to Dr. Roddam Narasimha Sir for all his contributions along with updates from UVCEGA, details on UVCE Scholarships 2020-21 and more UVCEian

news. As we researched to build the edition we found some wonderful and inspiring speeches of Dr. Roddam Sir at namma UVCE, visit these links if you wish to hear them: <a href="link1">link1</a> and <a href="link2">link2</a>



## A TRIBUTE - PAYING RESPECT TO A LEGEND

Dr. Roddam Narasimha, a distinguished Alumnus of the UVCE and a remarkable scientist, a prolific mentor and one of the brightest scientists nurtured by UVCE, was a force to reckon with. As a renowned aerospace scientist and an academician, he exhibited brilliance in his work and achievements. Throughout his carrier in the diverse roles, he displayed excellence with grace and proficiency. His giving back to the world of science was enormously consumed by both his research work as a scientist and as an academician nurturing young minds. His awards and accolades are testimony to the legacy that was Dr. Roddam Narasimha and we the alumnus of UVCE truly feel contented and proud to witness his accomplishments in the field of science.



He was one of the pioneering individuals to guide the UVCEGA with the sole intent to give back to UVCE and we are grateful for that. And now as the province of science loses another star, the heritage left behind by Dr. Roddam will always be an inspiration to aspiring minds. On behalf of UVCE Graduates Association and the entire UVCE community, we pray to the almighty to give peace and rest to the departed sole.

### REMEMBERING RODDAM NARASIMHA

The first time I saw Roddam sir personally was during Mega Reunion 2011. I was near the entrance as a volunteer and one of the first people to enter was Dr V K Aatre sir. He was talking to all of us and when Roddam sir arrived, he greeted him and they both had a short conversation. It was such a delight for all of us to see the two luminaries of UVCE talking to each other and sharing their views. On the second day of MegaReunion, I got a chance to assist Roddam sir on to the podium before he gave the speech. It was such a humbling experience.

It was a long gap before I got a chance to interact with Roddam sir again. Even before the

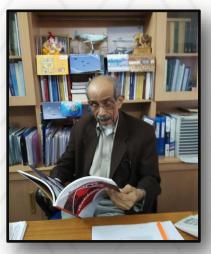
discussion about Avalokana, he had visited the college premises. And the reason will amaze a lot of people. It was a protest organized by AIDSO against the shifting of our college from K R Circle to Jnanabharathi Campus. As far as I know, he was approached by youngsters as they knew he was an alumni and he readily agreed to join them. On the day, he was present on time at the decided spot - college parking lot and took part in the protest. He interacted with the students too. The pictures were widely circulated in the social media, which



inspired many students who always felt that there was no one caring about their welfare or concerns. You can read about this incident in the <u>newspaper here</u>.

I was not in Bengaluru during this occasion and felt that I had missed a golden opportunity to meet him. But, it was not the end of the road for me. We had just completed Avalokana—the UVCE Centenary Souvenir and I requested for a personal meeting with him so that I can hand over it to him and discuss few points. He obliged.

I still remember that day - Dec 12th, 2017. Sridhar accompanied me and we reached a bit early at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) campus. We were waiting near his office and he was a bit delayed. He apologized that we had to wait. It was his humility that he was treating in that manner. Later, he asked us about the present status of the college shifting and discussed a bit more about UVCE. I handed him the copy of Avalokana and he immediately started going through it. I requested him for a photo with the Souvenir and he agreed. I still remember the passion with he spoke and shared his experiences at CalTech and IISc. He mentioned how the alumni are well connected in those institutions and always available to help their alma-mater. He mentioned that the quality of teaching



staff is the foremost that should be focussed on, saying at CalTech they believed that "Only the Best can bring out the Best". When we said about improving UVCE, he asked us a question which I will remember my entire life. He asked "What do you mean by best? What is the standard? Do you want to make UVCE best in Bengaluru? Or at Karnataka level? Or do you want to make it best at national level? Or you want to further go ahead and compete with the international institutions? You will need to plan accordingly and work towards that goal". It was so inspirational to hear him and the clarity of thoughts and vision. We requested him to share his thoughts in the form of interview for Sampada-100 which was going to be published in few months. He obliged and asked us to send the questions via email and he would respond accordingly. It was a matter of pride for us to have the interviews of such distinguished alumni published as part of Sampada

The next opportunity that I got to speak to him was to invite for UVCE Payana-the



centenary celebrations event at Ambdekar Bhavan during April 2018. He was so generous that he made a note immediately in his calendar over the phone and asked us not to worry about official invitation or anything. We said him that Maj Gen Neelakantappa would invite him personally and he said he will gladly speak over the phone and confirmed his presence. When we called him two days prior to the meeting and mentioned that we will send the car to pick him up, he said he would manage on his own. But, because we insisted, he agreed to it. On the day, we had a student volunteer - Niranjan who was elated to get

the opportunity to meet him (more details inside). We were happy to see all the three PadmaVibhushan Awardees on the stage of UVCE Payana interacting and sharing thoughts. Prof Roddam Narasimha spoke during the inauguration programme and everyone in the audience resonated with his thoughts.

My last interaction with Roddam Sir was in Nov 2019, when we had met to discuss about

"Next 100 Years of UVCE". Though he had some other prior commitment, he came to Century Club because he had agreed to share his views with us. He could not stay long as he had to travel, but we were glad that he joined us. The interaction between him, Sundaram sir and Neelakantappa sir was captured in this beautiful photo. Later, I walked Roddam sir till the parking near his car. He was always filled with positive energy and was an inspiration to youngsters like us. He may not be amongst us today, but his



contribution to the field of science and technology, his motivation & teachings to the next generation will always continue to exist.

### **UVCEGA SAMACHAARA!**

New Year is here and we are glad to be making a series of announcements:

- We have published a Mobile App "UVCE Samparka" (as of now for Android users) for the alumni across the globe to know the latest updates and current happenings about University Visvesvaraya College of Engineering. Know about:
  - Updates in the campus; News from alumni community
  - Announcements of alumni initiatives and events
  - Release of Sampada editions, monthly e-magazines
  - ♦ Launch of UVCE Chronicles, podcasts
  - ♦ UVCE Graduates Association, VisionUVCE, UVCE Foundation related updates
  - Student initiatives and achievements

Download it from Google Playstore - <u>Click to Download</u>. Please install it and rate it. Also, let us know your thoughts about the app and on how we can improve it













• Episode 4 of UVCE Chronicles is out now! Having graduated in 1976 from the department of EEE, Mr. L Ravi has been a part of many firsts at KPTCL. In this episode, he talks about his

experiences and how things have changed between then and now. Host Shrinidhi from ECE 2nd year takes us through this with a set of intriguing questions. Listen to this podcast here:

• Spotify: <u>Listen here</u>

• Anchor: Click the link

If you wish to be part of the UVCE Chronicles, reach out to us and we will be glad to record it and release in the coming days. Write to us <a href="mailto:info@uvcega.org">info@uvcega.org</a>



- We are working to form Sub Committees one for each Department with around 6-8 members in each of them. We have few volunteers, but we need more people who are interested to get involved and help with planning and executing initiatives w.r.t the department. It can be conducting Webinars on new technologies, helping students with internships and placements, guiding about latest technologies in form of research etc. Do get in touch with us at <a href="mailto:info@uvcega.org">info@uvcega.org</a> and share your thoughts.
- We are working with 1971 Batch alumni and supporting them in organizing their "Golden Jubilee Reunion" this year. If you have graduated from 1971 and not in touch with your batch people, please do let us know or contact Kamesh (+91 93434 22711)

## ETCHED FOREVER IN HEARTS OF UVCEIANS & INDIANS

Renowned Indian aerospace scientist, fluid dynamicist and Padma Vibhushan recipient, Professor Roddam Narasimha succumbed to brain haemorrhage yesterday at a hospital in Bengaluru. He was 87 and is survived by his wife and daughter.

In his long and distinguished career, he was a Professor of Aerospace Engineering at the Indian Institute of Science (IISc), Director of the National Aerospace Laboratories (NAL) and the Chairman of the Engineering Mechanics Unit at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR).

He was born in July 1933 in a village in Karnataka. His father was a physics professor at Central College in Bengaluru. After graduating from University Visvesvaraya College of Engineering, Narasimha went on to obtain a PhD in fluid dynamics at the California Institute of Technology in 1961. He joined IISc the following year.

### The Monsoon Experiment

One of Narasimha's greatest contributions to Indian science was the application of fluid dynamics to study the monsoons in India.

In fact, it was he who spearheaded the first national initiative to understand this particular weather phenomenon, starting way back in 1979. From May to September that year, his team gathered data from across the country using sensor towers, balloons, sodars and tethersondes. He envisioned the project and led researchers from over 20 institutes, including the India Meteorological Department, to collect various kinds of measurements. The Air Force also sent in their observations and so did the crew from vessels such as the ORV Sagar Kanya. Satellite images from INSAT were also added to the dataset.

What Narasimha was trying to do was analyse the first layer of atmosphere sitting on top of the Earth's surface, whether it be over sea or land. This is called the boundary layer and plays a crucial role in the physics of the monsoons. It constantly exchanges heat, moisture, and energy with the surface leading to a lot of turbulence in this section of the atmosphere. Decoding this turbulence is key to understanding tropical weather systems like the monsoons and cyclones. But it is not easy. It requires precise measurements and complicated computer models.

This is what Narasimha and his team of four- A Prabhu, BS Adiga, K Narahari Rao and Syed Ameenulla, were trying to achieve with the Monsoon Trough Boundary Layer Experiment (MONTBLEX).



"I was curious about what the atmospheric boundary layer was like in India," Narasimha had said about the motivation for his massive research undertaking. "It had not been studied at all – was it different in the tropics?"

MONTBLEX lasted more than a decade and its many findings have shaped our understanding of our rains. Turns out, the boundary layer is different in the tropics after all.

According to him, "They don't follow the relations that are defined in the Western textbooks, for the momentum flux, for the surface friction, how much heat transfer happens, and so on."

### **Changing The Winds Of Science**

Professor Narasimha's work on the monsoons did not end with MONTBLEX. He continued to study its various aspects such as the connection between solar activity and the monsoons. He even created a cumulus cloud in his lab to understand its workings.

He was also an active science communicator. Until earlier this year, he conducted cloud making workshops in his lab open to the public. His work has enriched research on weather systems, the monsoons and climate change, all of which have a tremendous impact on our agricultural economy and our future.

But his research on monsoons is only one of his many contributions. He studied shock waves, turbulence, aeronautics, gas dynamics and more, over his career spanning 60 years. His policy-making has changed the course of aerospace research in our country.

The Better India spoke to retired IISc Professor Vasudevan who worked closely with Professor Narasimha on the hypersonic wind tunnel, who says, "He was a very versatile person who made significant contributions to aerospace science and fluid dynamics. I fondly recollect when he handed over to me, one of his pet projects to build a research hypersonic wind tunnel at IISc."

He adds, "And when the project was completed, he came back from a trip to Delhi and went straight to the aerospace department at 8 pm with boxes of sweets to congratulate me and my team on the success. He was then the Director of Aerospace Laboratory."

We are forever indebted to Professor Roddam Narasimha for his brilliance, leadership, and vision that have laid the foundations for advanced science in the nation.

- The Better India, (Anjali Doney), Dec 15,2020

# A JOURNEY WITH RODDAM SIR

**29th June 2018, 8:30 AM**: Hours before the inaugural ceremony of UVCE Payana. While all of us were bustling in and around Ambedkar Bhavan making sure things are at their right place, I was asked to go and pick one of the guests of the ceremony, Roddam Narasimha sir. That was the first sign of an unforgettable day of my life. As a newbie to the college, I was aware of Roddam Narasimha Sir through induction programs but that was it.

**9:15 AM:** I am constantly calling their residence to ensure that the cab doesn't miss the route and delay further things. The most striking aspect was his calm and composed voice and politeness in his tone.

**9:30 AM:** We were en route to the convention hall and he invited me to sit next to him. We talked all the way from current curriculum to the need of regular revision of syllabus, his days in UVCE to his experience in US, my educational background to my aspirations. It is there that I realised the example of Einstein was so accurate about the time and theory of relativity. Time flew like anything and when we were at the entrance of Ambedkar Bhavan, my heart ached to put an end to the conversation.

From then, I've read a lot about his works, contribution to the aerospace and science community. I am forever proud to have met a Padma Vibhushan awardee. Yet, the only thing that lingers in my mind is his generosity and down to earth personality. I strongly believe that's how people remember him. A man full of life with a heart and soul of Buddha.

The rightful way of paying tribute to him would be to stride forward on the path he set us and to inculcate the morals that he used to lift the world around him.

- Niranjan, 7th Sem

This was a short experience shared by one of our current UVCE students when he was a volunteer at UVCE Payana and had the opportunity to interact with Roddam Narasimha Sir. It is so heartwarming to see the mesmerizing effect Sir had on anyone - from a student to a senior alumni in his interaction. The student was very keen in sharing his thoughts on knowing about this special tribute edition to Sir.

# **VU SCHOLARSHIPS 2020-21**

We are glad to announce the list of VisionUVCE Scholarship awardees for the year 2020-21 - "Tenth Year" in a row. The total no. of awardees are as below:

### Laptops: 10 | Full Scholarships: 23 | Half Scholarships: 30

We would also like to add a special note here that we will be conducting the full Scholarship Process (Application, Interview and Shortlist) to 1st Year students separately by end of January.

SI No	Name	Branch	Year	SI No	Name	Branch	Year
1	Thejika M K	CIV	3	6	Basavaraj Jadhav	CIV	3
2	Digamber	MEC	3	7	Nagaraj Bhikamale	ISE	2
3	Vighnesha	ISE	2	8	Sagar Korishetty	EEE	3
4	Sharanagouda	CSE	4	9	Manjunatha GV	CIV	2
5	Viresh I Lali	MEC	3	10	Shilpashree D	CIV	2
1	Ramakrishna K	CIV	3	13	Amrutha varshini B S	ECE	4
2	Thejaswini M	ARC	2	14	Lakshmish chandra G	CIV	4
3	Nagaraj Vakra	CIV	2	15	Mahantesh	CIV	3
4	Rudresh G C	CIV	3	16	Vinod Mundasad	MEC	3
5	Chaithanya	CSE	2	17	Veeresh	CIV	3
6	Satish K Sheregar	CIV	3	18	Nagaraju	MEC	4
7	Akshay Bhosale	MEC	3	19	Sabhasuman K	CIV	3
8	Swamy H C	EEE	4	20	Sumaiya S	ISE	2
9	Aman Rathod	EEE	2	21	Stalin S	CSE	3
10	Manoj T V	EEE	3	22	Anmol	CIV	2
11	Ganesh N B	CIV	3	23	Soundarya	ECE	2
12	Pavankumar M	CIV	3				
1	Basaveshwar Gharabude	MEC	3	16	Shruti S Rathod	EEE	3
2	Mahammad Riyaz	ECE	2	17	Sachin khot	ECE	2
3	Kumari Bhavani	EEE	3	18	Mahesh Patil	CIV	4
4	Dnyaneshwar Karadi	EEE	3	19	Altaf Nadaf	CIV	4
	Shivaraj Gurav	MEC	2	20	Sourabh kotagi	MEC	3
6	Veerabhadrappa Kumbar	ECE	2	21	Shivani matti	CIV	2
7	Sachin Somannavar	MEC	3	22	A Lokareddy	CIV	2
8	G V Aravind Brahma	ISE	3	23	Malatesh Chandaragi	EEE	2
9	Padmavati Budihal	CIV	2	24	Prathyusha P	MEC	3
10	Mohith Varma V S	ECE	2	25	Nemanna S Singi	ECE	3
11	Jyothi D Kambale	ISE	4	26	Pooja M	CIV	3
12	Divyashree MS	EEE	3	27	Ganapati Manwar	CIV	4
13	Malappa S Koulapure	ISE	3	28	Navya S N	CIV	3
14	Niveditha G	MEC	4	29	Tarun	CIV	2
15	Rathnapalli E	CSE	4	30	Rajashekhara H A	MEC	3

# **VU SCHOLARSHIP DONORS**

We are thankful to all the donors and supported of VU Scholarships. Please check the list below and more details will follow in the next page.

Name	Batch	Branch	Name	Batch	Branch
Sundarram Reddy	1954	EEE	Srikanth V V	1995	ECE
Chandrashekhar	1963	EEE	Vishal Bhaskaran	1995	ECE
Kumar Rao	1963	EEE	Suman Adisesh	1995	CSE
RamaMohan Shetty	1964	EEE	Sudhindra HK	1995	ECE
Venkata Subbarao	1965	EEE	Mohan Kumaresh	1995	ECE
Dwarakanath	1965	EEE	Shubha T	1995	CSE
Govind Lakshman	1971	MECH	Harsha	1995	ECE
Rajamurthy	1971	EEE	Girish Babu	1995	ECE
Venkatesha G	1971	EEE	Ravikiran Annaswamy	1995	ECE
Ravikumar M V	1973	ECE	Girish	1995	ECE
Ashok M L	1975	EEE	Sharath	2007	ISE
Batch of 78 MECH	1978	MECH	Shwetha Wodeyar	2008	ISE
Muralidhara GV	1978	MECH	Sreejith	2008	EEE
Dr P Deepa Shenoy	1983	EEE	Samarth Joshua	2008	CSE
Shubha T R	1992	CSE	Batch of 2008 ISE	2008	ISE
Batch of 92 ECE	1992	ECE	Vikram	2009	ISE
Praveen K C	1992	CSE	Mahesh Suranagi	2009	ISE
Kowshik Bhat	1992	CSE	Shwtha L	2009	ISE
Terryne Edwardraj	1992	CSE	Jeffrey I S	2009	ISE
Shankar Shastri	1992	CSE	Usha Hegde	2009	ISE
Anupama V	1992	CSE	Shruthi S Rao	2009	ISE
Sridhara C	1992	CSE	Pavan Joshi	2009	ISE
Syed Sajid Mohideen	1992	CSE	Naveen N P	2009	MECH
Ashok S	1992	CSE	Vidya K	2009	ISE
Ramachandra S	1992	CSE	Akshatha U	2009	ISE
Sunil Rao	1992	CSE	Sriharsha D V	2009	ECE
Suma S	1992	CSE	Supreeth J	2009	ECE
Kiran	1992	CSE	Rakesh G	2009	CSE
Srikanth M	1993	ECE	Madhu V Swamy	2009	CSE
Krishnamurthy B V	1993	ECE	Praveena D	2009	CSE
Batch of 95 EEE	1995	EEE	Pradeep V R	2009	CSE
Vani S	1995	CSE	Veeresh B K	2013	MECH
Manikandan	1995	ECE	Suchetha	2015	ECE
Lokesh M	1995	ECE	Kunal S	2015	CSE
Adithya Kalkunte	1995	ECE	Gangothri	2016	ISE
Tejaswini Simha C Y	1995	ECE	Hande Shruthi S	2016	ISE
Chethan Dhruva	1995	ECE	Chitra S Reddy	2016	ECE
Kiran Diwakaran	1995	ECE	Kaushik K N	2016	ISE
Sudeep Prasad	1995	CSE	Rohvin	2018	MECH
Chaitra Bhat	1995	ECE	Suhas	2018	ECE
Radha Muthulakshmi	1995	ECE	// \ \ \ / . \		/ /

Special Mention of alumni contributions:

- 1992 Electronics (ECE) Batch for sponsoring the 10 Laptops
- 1992 Computer Science (CSE) Batch for contributing 3 Lakh towards 20 Full Scholarships
- 1995 Electronics, Computer Science, Electrical (ECE, CSE,EEE) Batch for contributing 1.52 Lakh towards 20 Half Scholarships (To commemorate their Silver Jubilee Anniversary of graduating from UVCE)
- 1978 Mechanical (MEC) Batch for contributing 1.1 Lakh towards 15 Half Scholarships
- M S Lakshminarasimha Memorial Scholarships one student from Civil, Electrical and Mechanical branches
- B.K.Venkataramana Memorial Scholarship one student from Electronics branch
- Smt G V Satyabhama Memorial Scholarship one girl student
- Sundaram Reddy support Electrical Scholarships six Electrical branch students

We appreciate every alumni contribution irrespective of whether it is large or small. It is the mindset to "Give Back to UVCE" that we respect. Thanks to all the generous contributions from individual and alumni groups, we have been able to sustain this initiative of VU Scholarships for 10 consecutive years now. The complete list of donors and appreciations will be added shortly in our VU Scholarships page as well. Know more about the <u>VU Scholarships</u> from past 9 years and Bank Details here if you would like to support the cause. As mentioned previously, we will be having the Scholarship process for first year students separately and the details will be published shortly in Sampada and website.

### IN LOVING MEMORY OF



We are sorry to inform that Swami Harshanandji Maharaj, one of the senior monks of Ramakrishna Order passed away on 13th Jan 2021. He was an alumnus of UVCE from Mechanical Branch - Gold Medalist from 1953-54 batch. He had rendered services at various branches of Ramakrishna Order, Belur Math. He was a fountain of spirituality and a guiding beacon for several young people across the country. From UVCEGA, we express sincere and heartfelt condolences and pray for the departed soul.

We are very sad to inform you all of the sad demise of Prof. T. Basavaraju, Retired Professor & Former Chairman of Department of Electrical Engineering, UVCE on Dec 29 2020. We at UVCEGA pray that his soul rests in peace and that his family finds the strength to bear this loss.





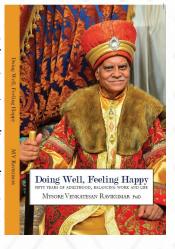
With profound grief we inform that Dr. M. P. Chowdaiah, former Professor and HOD, UVCE Mech Dept. (during late 1980s and early 1990s) passed away on January 5, 2021. Our deepest condolences to his family and we hope his soul finds peace.

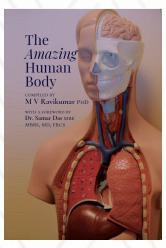
## A LITERARY GOODWILL

We are very glad to inform that Dr. MV Ravikumar—our very own UVCE alumnus (Batch of 1973) has published two books— 'Doing Well, Feeling Happy' and 'The Amazing Human Body'. Stepping into a literary path , Ravikumar sir is serving a philanthropic cause as the proceeds from the sales of these books will be used towards the funding of education for underprivileged children.

Team Sampada congratulates Dr. Ravikumar on his literary venture and working towards serving the society.

**Doing** Well, Feeling Happy autobiography of Dr. M. V. Ravikumar, born in a middle class family, he covered all the facets of life that one would aspire for; academically qualified as PhD, worked as R & D engineer in a Public Sector Undertaking for ten years, was successful as a serial entrepreneur - founder of three companies spread over twenty years, travelled across India and world, member of International for over 32 spearheading several service projects, mainly in the area of Avoidable Blindness that led him to





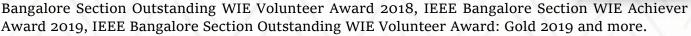
receive the coveted Service above Self award, highest bestowed by Rotary on any Rotarian.

**The Amazing Human Body** is a compilation of interesting facts about the various organs and systems of the 'Miracle Machine' that is the human body. The book is written in simple English, easily comprehensible by young and old, endorsed by an eminent surgeon who retired after 50 years of successful practice in the area of Ophthalmology in the United Kingdom.

## SCALING NEW HEIGHTS - PROUD UVCEIANS

We have some great news back home at UVCE. Dr. P Deepa Shenoy - Dean of Engineering and Professor, Dept of Computer Science as well as alumnus of Batch of 1983 EEE has been elected as Chair Elect for IEEE Bangalore Section EXECOM 2021. Prof Deepa Shenoy has been leading pioneering efforts in shaping and guiding the IEEE UVCE branch which has been running successfully for the past 20 years in aiding students nurture their technical skills and be a part of the global organization IEEE.

She has been recognized for her earnest and dedicated efforts with being a recipient of numerable awards like IEEE Bangalore Section Best Branch Counsellor 2012, IEEE MGA Outstanding Branch Counsellor Award 2016, IEEE



For many years now she has been part of various roles like IEEE UVCE Mentor 2001-2007, IEEE UVCE Branch Counsellor 2008-2015, IEEE UVCE Advisor 2018 onwards, SAC Chair and Joint Treasurer at IEEE Bangalore Section. A new feather to be added to this list is the Chair Elect for EXECOM 2021 as she will be leading the IEEE Bangalore Section as Chair from the next year. This is prestigious news for our UVCEian community as IEEE Bangalore Section is one of the most active and one of the largest sections in the IEEE Global Community.

Team Sampada Congratulates Dr. P Deepa Shenoy on this feat and wish her Good Luck!



## **MEGAREUNION 2011 - A DECADE AGO**

Where do we start with? This incredible story starts after we graduated in 2009 and had just formed a small group but lots of energy. We had named it as "VisionUVCE" and immediately

after that saw a post in LinkedIn where a discussion about a certain "Mega Reunion of UVCE Alumni" was being planned. We immediately commented in the discussion thread and said we would like to volunteer for the event. Even today, we feel that was one of the most impulsive but the best thing we did. What an experience it was.. An amazing learning opportunity, a great platform for us to take up responsibility and a humbling chance to interact with some of the wonderful alumni! "UVCE MegaReunion 2011" - a one of its kind event has completed 10 years and even today we are asked questions about it.



Continuing the story, the LinkedIn post was put by Sridhar and he contacted us from UK over the phone and we were excited about it. He mentioned that UVCE Foundation has also agreed to support this event and B V Jagadeesh, Rajesh, Rajiv Chamraj, Madhav, Anand Adkoli will be the key people to work with. He asked us to get some more alumni from Bengaluru who would be interested to join hands. That is when we heard from Alice Abraham, Trivikram, Murali, Shivraj, Sreenivas, Gopinath, Ragini from various batches who formed to core-team to execute the things at ground level. All this culminated by December 2009! Just imagine our excitement - a bunch of youngsters who had just graduated 6 months ago, getting to interact with such seniors and being part of the team. It was an honour to us. The website, Sampada- emagazine, the meetings all started rolling and a year passed in a jiffy. Pages wont be enough if we start sharing the experiences from alumni whom we met, stories we heard, motivation and encouragement we received from around the globe..

January 1st - Candle Light evening at the college quadrangle was witnessed by senior alumni and the pledge that was taken. We were not there for the entire event as we had to rush to Palace Grounds to do preparations for the D-Day and as you could guess the next day morning was one of the most awaited mornings of our life and we barely slept that night. January 2nd, 2011 - a day to be written in golden letters - arrived and so did the alumni. No one had witnessed such an event (atleast that is what we heard from most of the participants which had 1950 and 1960 batch alumni too) in the history of UVCE until that day! We had an amazing sequence of events and guests - Inauguration by Dr M R Sreenivasan, PadmaVibhushan awardee; Vision Document Release; Chief Guest - Dr Veerappa Moily Speech (then Central Govt Minister); Honoring the Distinguished Alumni; Down The Memory Lane; Giving Back To UVCE; Lunch; Gala



Evening with Mano Murthy and team; Fun Interaction with Ramesh Aravind etc. As per our estimate, we had around 1500+ alumni along with around 300+ family members and few students present on the day, which can be summed up to around 2000 people in total. That number itself was enough for us to give an indication that we were part of something historic. It was an incredible atmosphere that was created at the Palace Grounds and we felt indebted to be part of the UVCE community. The next day newspaper coverage only confirmed it for us (though we read it after 2 days!)

Day-2 took it up a notch further - some amazing panel discussions which had acclaimed alumni taking part in the discussions on various topics - Academics and R&D, Entrepreneurship, Environmental Sustainability; Women Engineers etc. We also had the Heads of the Departments sharing their views with the audience and finally the Feedback session with the organizers.

Its just not us - the volunteers or the organizers who remember the event with an awe, but also the participants. To mark this 10th Anniversary, we have a special token of memorabilia for all of you - a website with photo gallery and video gallery. We intend to take you down the memory lane and make you experience the nostalgic memories once again!

Here is the link - <a href="http://uvcemegareunion.visionuvce.in/">http://uvcemegareunion.visionuvce.in/</a> (Best viewed in large screen)

From our end, we would like to thank - Sridhar, Madhav, Rajesh, Alice, Rajiv, B V Jagadeesh and everyone who trusted a bunch of youngsters and gave an opportunity to work with them. As Team VisionUVCE, we have always believed that volunteering for MegaReunion was the key aspect for us to learn and grow. We also thank each of the alumni who attended the event and supported us. Today, whatever the alumni initiatives are happening - UVCE MegaReunion 2011 - laid a strong foundation for it. We hope that you will join the gallery and write back to us about your memories at sampada@visionuvce.in.

- Sriharsha DV, Lomesh KG, Satish AG (2009)



## REMEMBERING DR.RODDAM NARASIMHA - TABLOIDS

### Aerospace scientist Roddam Narasimha passes away

Celebrated aerospace scientist, Padma Vibhushan Prof Roddam Narasimha passed away at 87 at the M S Ramaiah Hospital in Bengaluru on Monday night. He is survived by his wife and daughter. Prof Narasimha had suffered a brain haemorrhage last week and was shifted to the intensive care unit of the Hospital. The death was declared at 9.30 pm on Monday. The last rites will be conducted on Tuesday afternoon.

A former director of the National Aerospace Laboratories (NAL), he had played a key role in the design and development of the Light Combat Aircraft (LCA), Tejas. An authority on Fluid Dynamics, he was also the DST Year-of-Science Chair Professor at the Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) and concurrently held the Pratt & Whitney Chair in Science and Engineering at the University of Hyderabad.

The first student of Sathish Dhawan, Narasimha's research has been chiefly concerned with Aerospace Fluid Dynamics. His extensive studies of transitions in the atmosphere between laminar and turbulent flow, the structure of shock waves and other aspects of temperature has been much heralded in the scientific community.

As Director of the National Institute of Advanced Sciences (NIAS) Narasimha initiated a series of major dialogues on International Security issues with the US National Academy of Sciences and other bodies. In February 2012, he had resigned from his post as the longest-serving member of the Indian Space Commission.

Honoured with the country's second-highest civilian award, the Padma Vibhushan in 2013, Prof Narasimha was also the recipient of the Bhatnagar Prize, and the 2008 Trieste Science Prize. A Fellow of the Royal Society, and a Foreign Associate of both the US National Academy of Engineering and the US National Academy of Sciences, he was a Distinguished Alumnus of both the California Institute of Technology (Caltech) and the Indian Institute of Science (IISc).

- Deccan Herald

#### Aerospace scientist Roddam Narasimha, 'an authority on fluid dynamics', dies at 87

Famed aerospace scientist and fluid dynamicist Roddam Narasimha died at a private hospital in Bengaluru Monday, a week after he suffered a brain haemorrhage. He was 87. News of his death was met with an outpouring of grief on social media from scientists across the country, with many hailing his unparalleled contribution to the aerospace industry. Prime Minister Narendra Modi and President Ram Nath Kovind also condoled his death.

In the past six decades, Narasimha made numerous contributions to several seminal aerospace programmes in India. He is most well known for his work on fluid dynamics — a study of the flow of fluids (liquid or gas) — that includes modelling cloud flows, structure of shock waves, and fluid dynamics at atmospheric boundaries.

Narasimha was a professor of aerospace engineering at Indian Institute of Science, Bengaluru, before becoming the director of National Aerospace Laboratories, and then the chairperson of engineering mechanics in Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore, as well as the director of National Institute of Advanced Studies (NIAS), Bengaluru.

He had also been a visiting professor at the California Institute of Technology (Caltech) and Cambridge University, among other universities, and held a visiting position at NASA Langley. He was also a Fellow of the Royal Society. Narasimha held numerous fellowships of prestigious international science academies and societies.

In the course of his life, Narasimha held numerous positions of importance in the country. He was a member of the Scientific Advisory Council for former prime minister Rajiv Gandhi. Narasimha was also a member of several scientific advisory committees and was the longest-serving member of the Space Commission — the highest policy-making body for matters related

to space exploration in India. In 2005, he resigned in protest after three former ISRO members were blacklisted during the Antrix-Devas money laundering scam.

As the director of NAL, Narasimha oversaw the development of advanced hardware and parallel computing. He also served on the board of Hindustan Aeronautics Limited (HAL) for several years. He was also a part of the team that carried out an investigation of airworthiness under Satish Dhawan in 1970 into the Indian Airlines craft, Avro 748, after a flight crashed.

In 1982, he founded the Centre for Atmospheric and Oceanic Sciences there, which he headed. He also held visiting positions at Caltech, Cambridge University and NASA-Langley in the US, University of Brussels in Belgium, University of Strathclyde in Scotland and Adelaide University in Australia.

- The Print



Roddam Narasimha (extreme right) with classmates at IISc



Roddam Narasimha during his CalTech days



Roddam Narasimha receiving his PhD degree



Roddam Narasimha with his guru Satish Dhawan

- Photo Credits Bhavana magazine (<a href="https://bhavana.org.in/">https://bhavana.org.in/</a>)

We hoped to share few more articles and write-ups about Roddam Narasimha sir from various other sources. We will try to continue this effort in the upcoming editions. But, if you would like to read his interview that we, from Team Sampada, were able to publish for the 100th edition of Sampada and rewind the memories, here is the link—

http://www.visionuvce.in/incredible-interviews-sampada-100-dr-roddam-narasimha/

# ಸಾರಸ್ವತ ಸಂತ ಸ್ವಾಮಿ ಹರ್ಷಾನಂದ

ಸ್ವಾಮಿ ಹರ್ಷಾನಂದಜಿ ಮೂಲತಃ ಬೆಂಗಳೂರಿನವರು; ಪೂರ್ವಾಶ್ರಮದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಯಾಗಿದ್ದಾಗಲೇ ಬಹಳ ಪ್ರತಿಭಾನ್ವಿತರು. ಯುವಿಸಿಇ ಕಾಲೇಜಿನ ಎಲೆಕ್ಟ್ರಿಕಲ್ ವಿಭಾಗದಲ್ಲಿ ಚೆನ್ನದ ಪದಕದೊಂದಿಗೆ ತಾಂತ್ರಿಕ ಪದವಿ ಮುಗಿಸಿದರು. ಆದರೆ ಆ ವೇಳೆಗಾಗಲೇ ಅವರು ಶ್ರೀರಾಮಕೃಷ್ಣ-ವಿವೇಕಾನಂದ-ಶಾರದಾ ವಿಚಾರಧಾರೆಗೆ ಮನಸೋತಿದ್ದರು.

ಅಂದು ರಾಮಕೃಷ್ಣ ಆಶ್ರಮದ ಅಧ್ಯಕ್ಷರಾಗಿದ್ದ ಸ್ವಾಮಿ ತ್ಯಾಗೀಶಾನಂದಜಿ ಅವರ ಪ್ರಭಾವಕ್ಕೂ ಒಳಗಾಗಿದ್ದರು. ಅವರು ಆಶ್ರಮ ಸೇರಬೇಕೆಂದು ಬಹಳ ಉತ್ಸಾಹದಿಂದ ಇದ್ದರಾದರೂ ಅಲ್ಲಿ ಪ್ರವೇಶ ಪಡೆವ ವೇಳೆಯಲ್ಲೇ ತೀವ್ರ ಅನಾರೋಗ್ಯಕ್ಕೆ ಒಳಗಾದರು. ಆದರೆ



ಅವರ ದೀಕ್ಷಾಗುರುಗಳಾದ ಸ್ವಾಮಿ ವಿರಜಾನಂದರ ಅಪಾರ ಕೃಪೆ ಪವಾಡದೋಪಾದಿಯಲ್ಲಿ ಅವರನ್ನು ಪಾರುಮಾಡಿತು.

ಅವರ ಆಧ್ಯಾತ್ಮಿಕ ಜೀವನ ಆರಂಭವಾದದ್ದು ಮಂಗಳೂರು ರಾಮಕೃಷ್ಣಾಶ್ರಮದಲ್ಲಿ. ಬಳಿಕ ಬೆಂಗಳೂರಿನಲ್ಲಿದ್ದರು. ಅನಂತರ ಮಹಾಸಂಘದ ಕೇಂದ್ರ ಕಚೇರಿ, ತರಬೇತಿ ಕೇಂದ್ರ ಇರುವ ಕೊಲ್ಕತ್ತದ ಬೇಲೂರು ಮಠದ ತರಬೇತಿ ಕೇಂದ್ರದ ಆಚಾರ್ಯರಾಗಿ ಕೆಲಕಾಲ ಸೇವೆ ಸಲ್ಲಿಸಿದರು. ಮುಂದೆ ಮೈಸೂರು ರಾಮಕೃಷ್ಣಾಶ್ರಮದಲ್ಲಿ ಸ್ವಲ್ಪ ಕಾಲವಿದ್ದು ಬಳಿಕ ಅಲಹಾಬಾದಿನ ಮಠದ ಅಧ್ಯಕ್ಷರಾಗಿ ಮುಂದುವರಿದರು.

1989ರಲ್ಲಿ ಬೆಂಗಳೂರು ಮಠಕ್ಕೆ ಅಧ್ಯಕ್ಷರಾಗಿ ನೇಮಕಗೊಂಡು 30 ವರ್ಷಗಳ ಸುದೀರ್ಘ ಸೇವೆ ಸಲ್ಲಿಸಿದರು. ಈ ಅವಧಿಯಲ್ಲೇ ಬೆಂಗಳೂರು ಮಠ ಕೆಲವು ಮುಖ್ಯ ಮೈಲುಗಲ್ಲುಗಳನ್ನು ದಾಟಿತು. ಶ್ರೀ ಶಾರದಾ ದೇವಿಯವರ ಬೆಂಗಳೂರು ಭೇಟಿಯ ಶತಮಾನೋತ್ಸವ, ಶ್ರೀ ವಿವೇಕಾನಂದರ ಬೆಂಗಳೂರು ಭೇಟಿಯ ಶತಮಾನೋತ್ಸವ, ಬೆಂಗಳೂರು ಆಶ್ರಮದ ಶತಮಾನೋತ್ಸವ, ಚಿಕಾಗೊ ಭಾಷಣಕ್ಕೆ 125 ವರ್ಷ ಸಂದ ಆಚರಣೆ, ನಿವೇದಿತಾ ಜನ್ಮಶತ ಮಾನೋತ್ಸವ, ವಿವೇಕಾನಂದ ಬಾಲಕಸಂಘ-ಯುವಕಸಂಘಗಳ ಸುವರ್ಣ ಮಹೋತ್ಸವ, ಇವುಗಳದೇ ವಜ್ರಮಹೋತ್ಸವ - ಇವೆಲ್ಲವನ್ನೂ ಸಮರ್ಥವಾಗಿ ನಿರ್ವಹಿಸಿದ ದಕ್ಷರು ಸ್ವಾಮಿ ಹರ್ಷಾನಂದಜಿ.

ಸ್ವಾಮೀಜಿ ಸಂತರಷ್ಟೆ ಅಲ್ಲ, ಬರಹಗಾರರು, ಭಾಷಣಕಾರರು ಮತ್ತು ಸುಶ್ರಾವ್ಯ ಗಾಯಕರಾಗಿದ್ದರು. ಅವರ ಭಾಷಣ, ಬರಹ, ಗಾಯನಗಳು ಮಠಕ್ಕೆ ಬಹಳ ಜನರನ್ನು ಬರಮಾಡಿಕೊಂಡವು. ಬಂದ ಭಕ್ತರನ್ನು ಅಪಾರ ಪ್ರೀತಿಯಿಂದ ಕಾಣುತ್ತಿದ್ದ ಸ್ವಾಮೀಜಿ, ಬಹಳ ಘನವಾದ ವಿಚಾರಗಳನ್ನು ಸರಳವಾದ ರೀತಿಯಲ್ಲಿ ಅವರಿಗೆ ಮುಟ್ಟಿಸಿಬಿಡುತ್ತಿದ್ದರು. ಆಬಾಲವೃದ್ಧರಾದಿಯಾಗಿ ಜನರನ್ನು ಹಾಸ್ಯಮಿಶ್ರಿತ ಸರಳ ಮಾತುಗಳಿಂದ ಪ್ರಭಾವಿತಗೊಳಿಸುತ್ತಿದ್ದರು. ಆಶ್ರಮದ ವಿವಿಧ ಅಂಗಗಳಾದ ವಿವೇಕಾನಂದ ಬಾಲಕ ಸಂಘ, ವಿವೇಕಾನಂದ ಯುವಕ ಸಂಘ, ಶಿವನಹಳ್ಳಿಯ ಸೇವಾಕಾರ್ಯ, ಅಲ್ಲಿಯ ಶಾಲೆ, ರಾಮಕೃಷ್ಣ ವಿದ್ಯಾಕೇಂದ್ರ - ಇವೆಲ್ಲವನ್ನೂ ಏಕಕಾಲದಲ್ಲಿ ನಿಭಾಯಿಸುತ್ತಿದ್ದರು. ಜೊತೆಗೆ ಆಶ್ರಮದ ಆಧ್ಯಾತ್ಮಿಕ ಚಟುವಟಿಕೆ, ವಿಶೇಷ ದಿನಗಳ ಕಾರ್ಯಕ್ರಮಗಳು - ಇಷ್ಟೆಲ್ಲ ಇದ್ದರೂ ಸಮಾಧಾನಚಿತ್ತರು. ಇದರ ಜೊತೆಗೆ ಅವರ ಅಪಾರ ಬರವಣಿಗೆ, ಭಾಷಣಗಳು! ಪುಟ್ಟ ಪುಟ್ಟ ಪುಸ್ತಿಕೆಗಳ ಮೂಲಕ ಅವರು ಯುವಜನರ ಮನಸ್ಸನ್ನು ಓದಿನತ್ತ ಸೆಳೆಯುತ್ತಿದ್ದರು. ಅವರ ಸಂಸ್ಕೃತ, ಕನ್ನಡ ಮತ್ತು ಇಂಗ್ಲಿಷ್ ಪಾಂಡಿತ್ಯ ಅತುತ್ತಮ ಮಟ್ಟದ್ದು. ಆದರೆ ಬರವಣಿಗೆ ಮಾತ್ರ ಬಹಳ ಸರಳ.

ಹಿಂದೂಧರ್ಮ-ಸಂಸ್ಕೃತಿಗಳನ್ನು ಪರಿಚಯಿಸುವ ಪುಟ್ಟ ಪುಸ್ತಕಗಳನ್ನು; 'ಪ್ರಶ್ನೋತ್ತರ ರೂಪ ದಲ್ಲಿ ಹಿಂದೂ ಧರ್ಮ', 'ಗೀತಾ ಸಾರ ಸರ್ವಸ್ವ', 'ಸವಾಲು-ಸರಿಯುತ್ತರ', ಹಿಂದೂ ದೇವ-ದೇವಿಯವರನ್ನು ಕುರಿತ ಕಿರು ಹೊತ್ತಗೆ ಗಳನ್ನು ರಚಿಸುವುದರ ಜೊತೆಗೇ ವಿದ್ವತ್ಪೂರ್ಣವಾದ, ಸಂಸ್ಕೃತದಲ್ಲೇ ರಚಿತವಾದ 'ಈಶಾವಾಸ್ಯ ಉಪನಿಷತ್' ಗ್ರಂಥ, 'ನಾಮ ರಾಮಾಯಣ ಮಹಿಮಾ', ಇವೆಲ್ಲಕ್ಕೂ ಮಿಗಿಲಾದ 35 ವರ್ಷಗಳ ಜ್ಞಾನತಪದ ಫಲವಾದ 'ಎ ಕನ್ಸೈಸ್ ಎನ್ಸೈಕ್ಲೋಪಿಡಿಯಾ ಆಫ್ ಹಿಂದೂಯಿಸಮ್' (ಮೂರು ಸಂಪುಟಗಳು) - ಇವು ಸ್ವಾಮೀಜಿ ಯವರ ಕೆಲವು ಕೃತಿಗಳು. 'ಎನ್ಸೈಕ್ಲೋಪಿಡಿಯಾ' ಅವರ ಮೇರುಕೃತಿ.

1975ರಲ್ಲಿ ಇದರ ಬಗ್ಗೆ ಅವರ ಬರಹ ಆರಂಭವಾಗಿ 1989ರಲ್ಲಿ ಇದರ ಹಸ್ತಪ್ರತಿ ಅಚ್ಚಿನಮನೆ ಸೇರಿತು; 2008ರಲ್ಲಿ, ಮಾಜಿ ರಾಷ್ಟ್ರಪತಿ ಎ.ಪಿ.ಜೆ ಕಲಾಂ ಅವರಿಂದ ಸಂಪುಟಗಳು ಬಿಡುಗಡೆಗೊಂಡವು. ಇದರಲ್ಲಿ 3708 ವಿಷಯಗಳಿವೆ. ಪ್ರತಿಯೊಂದು ವಿಷಯವನ್ನೂ ಅವರು ಸಿದ್ಧಪಡಿಸಿದ ರೀತಿ, ವಿಷಯವಾರು ಕಾರ್ಡುಗಳ ಜೋಡಣೆ, ಕ್ರಮಬದ್ಧ ತಯಾರಿ - ಇವೆಲ್ಲವೂ ಅವರಲ್ಲಿದ್ದ ಒಬ್ಬ ಶ್ರೇಷ್ಠ ಸಂಶೋಧಕನನ್ನು ಬಿಂಬಿಸುತ್ತವೆ. ಅವರ ಮುದ್ದಾದ ಆಂಗ್ಲ ಮತ್ತು ಕನ್ನಡ ಕೈಬರಹ ನೋಡುವುದೇ ಕಣ್ಣಿಗೆ ಹಬ್ಬ. ಕರಡಚ್ಚು ತಿದ್ದುವುದರಲ್ಲೂ ಅಚ್ಚುಕಟ್ಟು. ಹರ್ಷಾನಂದರು ಒಬ್ಬ ಸಾರಸ್ವತ ಸಂತ. ಇದೇ ತಿಂಗಳ ಒಂದರಂದು ಅವರ ಹೊಸ ಕೃತಿ 'ಮೈನರ್ ಗೀತಾಸ್' ಬಿಡುಗಡೆಯಾಗಿತ್ತು. ಅವರ 89 ವರ್ಷಗಳ ಜೀವನಪಯಣ ಕೊನೆ ಗೊಂಡಿದೆ; ಅವರ ಕೃತಿಗಳು ಜನಮಾನಸದಲ್ಲಿ ಶಾಶ್ವತವಾಗಿರುತ್ತವೆ.

- ಪ್ರಜಾವಾಣಿ ಸುದ್ದಿ