



Presidency

Kaleidoscope

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Please send your comments and suggestions to
editor@presidencyuniversity.in



I Uptake

Do things work to a set timetable? Do all dreams come true all the time, at least most of the time? Well, that depends on how we see them. What if there was a way to actually turn wishes into reality? How can we lead a good life? The key is to manifest it. Based on the 2006 bestseller *The Secret* by Rhonda Byrne, the power of manifestation is widely spoken about by thought leaders and inspirational coaches, including Deepak Chopra and Eckhart Tolle. Of course, there is no abracadabra here; it does not happen overnight. Patience is the key. Oprah Winfrey extols the power of thoughts and their ability to shape a person. Ancient Indian philosophy stresses that thoughts make a man. *Yad bhaavam, tad bhavathi* - as you think, so you become. Manifestation is veering your thought process towards achieving your goals. The universe is a wonderful, mysterious place and if we send our longings and aspirations, it really has a way of rewarding our faith in it. The vast expanse hosts inexplicable energy. Manifestation is bringing something tangible

into our lives through attraction and belief. Thoughts, beliefs, emotions, and actions can become manifest in our lives.

An experience that most of us would be familiar with is when we think of someone out of the blue and, within a short time, we get a message or a visit in person. Was it the sub-conscious that manifested the thought? Is there a subtle connection between our thoughts and reality? We don't dwell on the connection as we get sucked back into workaday life. So, if we are passionate about something and want it desperately, then it would be a good idea to start manifesting it. Gabrielle Bernstein, author of *The Universe Has Your Back*, calls manifestation "co-creating," a collaboration between you and the universe.





Uptake

What should we do to make it happen? First, express gratitude profusely. We may never get things within the time frame or in the manner we ask for. Nevertheless, for what we have received, we must feel grateful and express it explicitly. It may so happen that we may get what we are desirous of in a totally different way and find that it is most beneficial in the long run. Whatever it is, big or small, let us express our gratitude to the universe. When we are filled with affirmations and positivity, we also find that we are attracting positive energy and that improves our mental, emotional and physical wellbeing. It is a cycle that repeats itself. Have you come across people who are generally dour and grumpy, never wanting to

help even if they can? You would never want to be seen with them, lest all that negativity rub off on you.

If we want to lead happy and meaningful lives, let us manifest love and engage in activities that bring joy and happiness. The positive energy that accumulates will set the stage for better things to come in life. Is it not? Let us try it!

Until we meet again, have a wonderful time ahead.



Dr. Akila S Indurti
Editor

What you think you become. What you feel you attract. What you imagine you create.

- **Buddha**



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Dr. Prachi Beriwal

Associate Professor, School of Management
Coordinator, Women Empowerment Club, PU

A Force to Reckon with

This world is full of contradictions. On the one hand, a woman is extolled, elevated, celebrated, and venerated, while on the other, she is abused, wounded, maimed, and murdered. Should women fight for their voices to be heard? Would it require a churn before there is a paradigm shift and society becomes inclusive at all levels and in all places? Until then, should sensitization continue, beginning with educational institutions to catch them young? These are ongoing conversations, and we get sucked into them periodically in the continuum of life.

But there are a few who would not rest and would want to make a difference in whatever little way they can. Sometimes, momentous occasions at a distant time and period can act as spurs to action at a later period in life, and seizing the opportunity can bring forth a cathartic churn, resulting in undertakings to do something meaningful in society. Having seen the plight of women around her and the treatment meted out to them which is normalised in society, Dr. Prachi Beriwal catches the falling star and in her own small way is extending a helping hand to the fallen and the forlorn through the various initiatives she is associated with.

This column will spotlight three personalities who make PU proud with their hard work and accomplishments.



As Faculty Coordinator of the Women Empowerment Club (WEC) at PU, Dr. Prachi organises programmes that try to educate and empower women, whatever their calling. Thus, the Club hosted programmes on PCOS Awareness for all, Financial Literacy, Basic Communication and Hygiene for the Support Staff, Legal Rights for Women, and How to be Happy? to name a few of the programmes conducted in the previous academic year. With her trusted minions, five students who are part of the Core committee, she has been managing the various events both offline and online, along with a larger team of 40 students who comprise the WEC.

Awards adorn Dr. Prachi's shelf as her work is being recognised widely. She was able to organise a special programme on "what freedom means to me," a series of voices on YouTube, by collaborating with social initiatives such as the Delhi-based NGO Ear to Hear, for which she serves as a regional lead. Dr. Prachi is a doer and doesn't believe in essaying mere words. She has helped over 100 disadvantaged women take advantage of the Prime Minister's Jan Dhan Yojana and facilitated the opening of their bank accounts by contributing an amount towards the first deposit. MSME felicitated Dr. Prachi with the Best Faculty award, recognising her contribution to the upliftment of women.

Dr. Prachi's networking skills were put to good use as she brought well-known artistes as judges during Invincia, the mega fest at the University this summer. The resource people she chooses for the unique initiatives hosted by the WEC attest further to her familiarity with veterans in the field, be it a webinar on Cyber Security, a campaign against the elimination of violence against women, a workshop on mental wellness, and so on. Dr. Prachi is currently getting ready to address members of the G 100 Oneness and Wisdom during their 4th Annual Meet to be held in Delhi shortly.

It has been an eventful journey for Dr. Prachi Beriwalla since 2004 when she started as a faculty member in a city college, from where she moved to Presidency College as an Assistant Professor, where she served for over nine years. After a brief stint in another higher education institute, she returned this time to Presidency University in September 2020 and has been a coordinator of the alumni club, incubation projects, and has been the academic coordinator of the department.

She is currently studying to be a counsellor and is pursuing the Diploma in Counselling Skills from Banjara Academy, Bengaluru. Dr. Prachi serves as a member of the board of studies for many colleges and universities. As a guest speaker, she addresses a captivating audience on both academic and non-academic subjects. Composing shairees, travelling, music, reading and cooking are her hobbies. Multi-faceted Dr. Prachi has her own FB page and dreams of setting up a training institute for teachers or an MBA college which would impart skill-based experiential learning, moving away from rote learning.



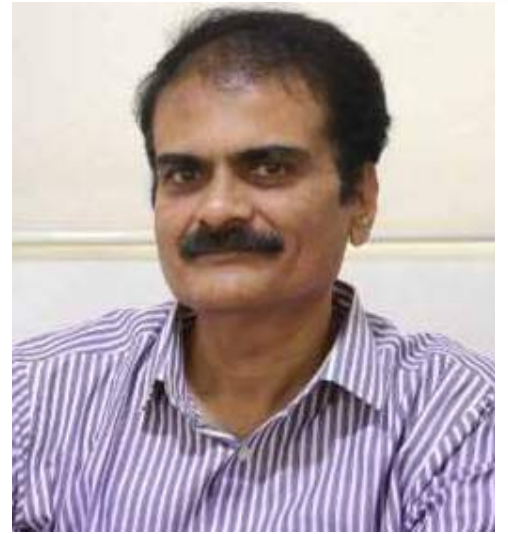
With all this, it is quite a wonder she can make time for her extended family of a business analyst husband, an implementation consultant son and in-laws. Dr. Prachi has 17 publications, two books, and two patents to her credit and is raring to explore further. Her faculty energising programmes—'How beautiful you are'—are well received. And she conducts these one-hour happiness sessions as webinars all over the country in reputed universities and institutions.

I returned from the enlivening interaction, recalling the Bard's lines
Age cannot wither her, Nor custom stale her infinite variety.

Thanks to the movers and shakers in our society who are truly a force to reckon with indeed.

I think that passion is the secret ingredient that drives hard work and excellence.
- Kelly Ayotte

Would you like to be featured or nominate someone for this column in the forthcoming issues? Please mail your interest to editor@presidencyuniversity.in



Mr. Pavan Kumar

IT Head
Presidency University

Seamless Connections

*I think the network is slow. I am not getting connected.
Oh no... there is no signal here.*

These are sentences we hear almost every day, whether at work, at home, on the road, or wherever. Consider how much work it would take to ensure that the entire 70-acre campus is Wi-Fi enabled, not just for mobile devices but also for laptops throughout the university. There is no manual logging in, switching over etc.

The credit for this seamless connectivity across schools and departments goes to Mr. Pavan Kumar, the IT Head. It took six months of designing, planning and organizing before executing it to almost perfect levels within a year of his joining the Presidency University in 2017. However, as with everything else, the pursuit of perfection is a work in progress, with the campus's facilities being upgraded every six months. In the fourth phase now, 108 classrooms are being provided with Wi-Fi and getting CCTV installed in the current phase of expansion.



Every day is a challenge, be it power in the rural area or dealing with pesky rodents that take delight in chewing up wires, but the IT team under Mr. Pavan Kumar's leadership is able to surmount all the problems, ensuring that there is no disruption in the daily schedule of the University. The Chancellor's vision of being better than the best and constant striving towards excellence helps Mr. Pavan Kumar to be on the constant lookout for innovations that can further smoothen the user experience. He acknowledges that with such an investment in high-end equipment, PU is far ahead in the educational scene in Bengaluru and in the country. Visitors from prestigious institutions like IITs or the US make it a point to notice, acknowledge, and appreciate the state-of-the-art technologies here that are unmatched elsewhere.



Keeping an Eye

The Chancellor's faith in Mr. Pavan Kumar's judgement has reaped rich dividends with new storage devices and back-up storage for nerve centres of the University like the CoE, HR, and Registrar's Office being set up with crores of investment. Moving to an advanced ERP required kicking users from their comfort zones, but the advanced features built therein would certainly enthruse them eventually.

One of the memorable anecdotes that he shared was how the pandemic fast forwarded everyone's tech abilities and how the faculty got trained within a short time and became adept at scheduling and conducting classes using Teams. As group head, Mr. PK ensured that all the school teachers were trained in using technology, and it required all of one week to get the schools up and running. The future of education is edtech and the skilful use of technology in education. Mr. Pavan Kumar's team empowers teachers, ensuring no disruption in learning whatsoever.



Display panels and digital noticeboards provide a peek into the events at the university. The latest acquisition in the nerve centre is the network monitoring tool, which helps monitor all the systems in the campus and locates which one is down when there is a problem. The IT infrastructure and ERP teams keep the University going as a well-oiled machine. Full credit to the IT and ERP teams, which stand rock solid supporting the leader's vision to ensure that work goes on with clockwise precision. Their easy accessibility and readiness to help at all times make them the most sought-after in the University.



The IT Team



Team ERP

How does Mr. Pavan Kumar keep the team enthused? The team meets every morning for 20 minutes and discusses issues threadbare, troubleshoots pain points, with the deserving ones getting a pat while slips and lapses are course corrected. Motivating the team and taking them along ensures that they are committed to the work at hand.

On the personal front, Mr. Pavan Kumar credits his significant other for being his pillar of support who has shouldered the responsibility of bringing up his two sons. They have blossomed into successful young men, the eldest of whom is a senior product manager in a firm in Bengaluru, while the youngest is doing his masters specializing in brain imaging in the US. There are no words to describe his wife's sacrifice as she willingly gave up her career as an entrepreneur to take care of the family while her husband puts in countless man

hours designing or discovering new systems to put in place at the university. To some, work becomes a way of life.

Technology is best when it brings people together.
- **Matt Mullenweg**



Dr. S. Sivaperumal

Dean – Sponsored Research
Director - International Relations
Professor - ECE, PU

Forging Partnerships

Should English language education be imparted to students in this country or should they be taught all subjects in their native tongue and regional language only? Should we have English language immersion programmes to prepare students for global careers? Before you start wondering if we are wading into a subject that is raging across all channels in the country, let me hasten to assure our readers that we have no such intention. Rather, this is an inspiring tale of one who has risen from the ranks, from a small town to a remarkable presence in the international scene, which can serve as an inspiration to the countless young people from every nook and corner of this country who want to make it big with grit and determination.

The Office of International Affairs is one of the most happening places at Presidency University right now. Giving it a distinct character and building it to be one of the most coveted places for visitors, parents and students is the young and dynamic director of international relations, Dr. Sivaperumal, who wears many hats with equal ease and passion. The government school in his native town near Villupuram in Tamilnadu served as a fertile ground where young Siva could weave his dreams and aspire to move to the city for higher education. The city of Chennai welcomed the young lad and moulded him into an enterprising engineer, furthering his ambitions in the field of semiconductors. It was also here, as he worked at a prestigious institution, that he mastered the nuances of English as he rose to the position of a dean in charge of collaborations and international partnerships. He collaborated with the National Skill Development Corporation, published papers, worked in the areas of accreditation and established



over 230 collaborations. The steady climb from faculty of ECE to Dean was no mean feat and called for hours of hard work and perseverance. Under his watch, 500 students went abroad either to pursue further studies or intern at various universities. As director of research, innovation, placements and incubation, he travelled to over twenty countries during the course of his sixteen-year stint there. He forged partnerships and friendships that were to come in handy as he moved to PU in October 2021 as Director of International Relations.

His vision is clear and focused as he lays out his plans for the OIA at PU. Within a year, he has succeeded in creating a desire in students to know what international exposure can do for their lives and careers. This awareness is essential for igniting the desire in students. To this end, his office is always open to students and their parents as they walk in to inquire about the overseas opportunities available to them. The OIA sees a footfall of 40 students on an average every day.

Within a short time at PU, Dr. Sivaperumal has facilitated the signing of 60 MOUs with universities in seventeen countries, and 59 students have crossed the shores to benefit through internships, Masters programmes, and semester exchanges. Of these, 14 students who went to the US are already gaining work experience as teaching assistants at the university there. Ten more students are waiting in the wings to fly out to the US in January next year.

Dr. Sivaperumal has been facilitating the visit of university delegations and the recent visit of over 60 provosts and deans from 22 US universities provided a huge window of opportunity for students to seek information and clarify doubts all in one place, that too in familiar environs. Needless to say, the visitors were full of praise for the facilities and infrastructure available to students at PU. A French consortium of universities is close on the heels and ready for a collaboration.

What does Dr. Sivaperumal look for while approaching a university for collaboration? The primary criterion is the ranking of the university, which should be comfortable yet reputed enough for our students. How best will it suit our students for their future? These partnerships should be beneficial for both parties to be sustainable enough in the long run.

It is his strong desire that at least 10% of the students gain international experience and eventually pursue higher education abroad. He feels strongly that faculty members should also make use of the semester exchange programmes to benefit from the international exposure and play a pivotal role in transforming the education scene here by adopting these best practices at PU. A robust research ecosystem should be in place, and as the dean of sponsored research, Dr. Sivaperumal is putting a few things in place already. Proposal submissions and funding are on the rise, with over fifteen proposals already submitted to date.



He also plans to invite researchers from renowned foreign universities to teach here for a short while so that shared learning can enrich education at the university. His open sessions, where he brings in experts to discuss and clarify, are a step in this direction too. The next big thing is establishing PU as the incubator, which will facilitate startups by helping them in all aspects: from providing office space, facilitating the registration process, connecting the startups with mentors who can advise on legal and financial matters, IP rights, bringing in venture capitalists, seeking government funding, and helping students and faculty build businesses. The futurepreneur series of lectures hopes to address the challenges faced by startups and simplify processes. The soon to be established Build club mentored by IIT M will help in hastening many projects.

How is he able to steer ahead and achieve so much in so little time?

Pat comes the reply. The Chancellor's vision and ready acceptance of novel ideas makes it easy for him to propose innovative ideas, and it is this largesse of heart and farsighted vision that brings success to the university. So much so, many institutions of repute have started looking up to PU to find out how a relatively young university is able to steer ahead sharply, leaving behind even established ones.



Team International Affairs

Anyone hoping for success should be able to carry his team along, and Dr. Sivaperumal gives full credit to his dedicated team for their hard work.

With so much happening, it is no wonder that Dr. Sivaperumal, a badminton player not long ago, finds little time to pursue his hobby now, busy as he is raising

his little children, a spirited lad in sixth grade and a bubbly, bright girl in senior kindergarten. With his homemaker partner and lovely children, he has adjusted to life in Bengaluru, which is an amazing place of diversity and talent.

Putting in hard work and reaching the top is everyone's dream, but to use that very knowledge to raise others and seek fulfilment in others' happiness is the hallmark of a life worth living. It is little wonder then that Dr. Sivaperumal hits the high note whenever his students, well settled in distant lands, place an occasional call or send a mail to convey glad tidings with a grateful heart of remembrance. Lighting up others' lives in whatever measure is indeed a blessing and a joy.

Help others achieve their dreams and you will achieve yours.

- Les Brown



DEPARTMENT OF **STUDENT AFFAIRS**

This section is a celebration of your talent and achievements, dear readers. Kaleidoscope salutes your accomplishments. You make the PU family proud.

Picture Perfect

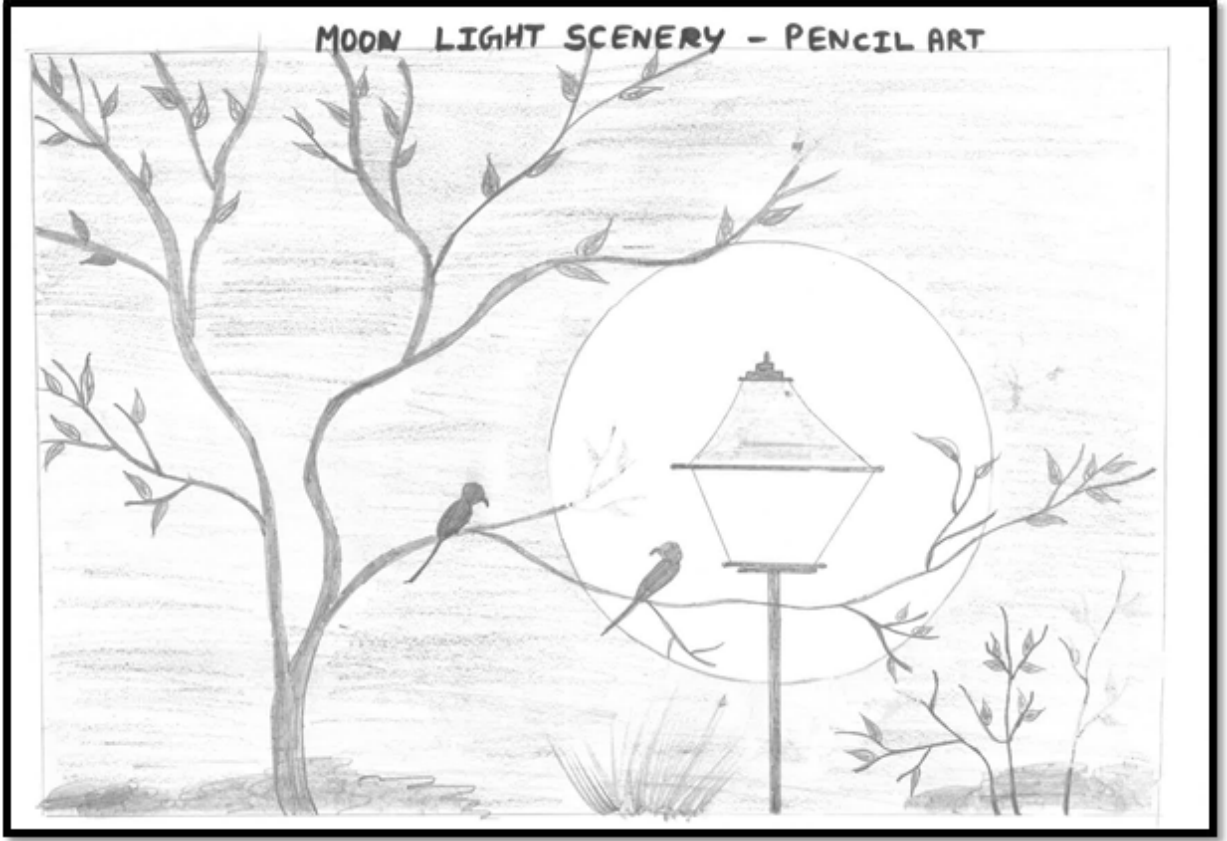


Sketch Time



Neha N
2021ECE0064

Sketch Time



Ms. B. Parkavi
Asst. Professor, CSE, PU





ಹೆಣ್ಣು ಭ್ರೂಣದ ಮಾತು

ಹೆಣ್ಣು ಹುಟ್ಟಿತೆಂದು ತೆಗೆಯಬೇಡಿ ಭ್ರೂಣ
ಗಂಡಂತೆ ಜೀವಿಸಲು ಅದಕೂ ಇದೆ ಪ್ರಾಣ
ಅದ್ಭುತ ಜಗತ್ತ ನೋಡುವ ಕಣ್ಣ ಕಿತ್ತರು
ಭೂಮಿ ಮೇಲೆ ಇಡುವ ಹೆಜ್ಜೆಯ ಸುಟ್ಟರು

ಹೆತ್ತವರನ್ನು ಅಪ್ಪಿಕೊಳ್ಳುವ ಕೈಯ ಮುರಿದರು
ಹುಟ್ಟುವ ಮೊದಲೇ ಸಮಾಧಿಯ ಕಟ್ಟಿದರು
ನನ್ನ ಬರುವಿಕೆಗಾಗಿ ಕಾತುರದಿಂದ ಕಾಯುತ್ತಿದ್ದಳು ಅಮ್ಮ
ಅಪ್ಪ ಅಜ್ಜಿಯ ಗದರಿಕೆಯ ಮಾತಿಗೆ ಮೌನವಾದಳು ನನ್ನಮ್ಮ

ಗರ್ಭದಲ್ಲಿದ್ದಾಗ ಪುಟ್ಟ ಕಾಲ್ಕಳಿಂದ ನಿನ್ನ ಹೊಟ್ಟೆಯ ಮುಟ್ಟಿದೆ
ನನ್ನ ಚೇಷ್ಟೆಯ ಕಂಡು ಕೈ ಮುಟ್ಟಿ ನೀ ನಸು ನಕ್ಕಿದೆ
ಸುಂದರ ಜಗವ ಕಾಣಲು ಮನವು ಪರಿತಪಿಸುತ್ತಿದೆ
ನನ್ನ ಲಿಂಗವೇ ಇವರಿಗೆ ತಲೆನೋವು ತರಿಸಿದೆ

ಕರುಣೆ ಇಲ್ಲದೆ ಕೊಲ್ಲಲು ನಿಂತಿರುವಿರಾ ಕಟುಕರೇ?
ನನ್ನ ಕೊಳ್ಳುವ ಮುನ್ನ ನನ್ನಮ್ಮನ ಬಯಕೆಯ ಕೇಳಿರುವಿರಾ?
ಜೀವವ ಕಸಿಯುವಾಗ ನಿಮ್ಮ ಹೃದಯ ಕುಸಿಯುದಿಲ್ಲವೇ?
ಚಾಕುಗಳ ಹಾಕುವ ಮುನ್ನ ನಿಮ್ಮ ಕೈ ನಡುಗುವುದಿಲ್ಲವೇ?

ಚಿಂತೆಯಿಲ್ಲದೆ ಗರ್ಭದೊಳಗೆ ಹಾಯಾಗಿ ಮಲಗಿದ್ದೆ
ನಿಮ್ಮ ಗದ್ದಲಕ್ಕೆ ನಡುಗುತ್ತಾ ಜೀವ ಝಲ್ ಎಂದಿದೆ
ಕನಸು ಕಂಡಿದ್ದೆ ಬರಲು ಪರಿಪೂರ್ಣ ಮಗಳಾಗಿ
ಹೆಣ್ಣಾಗಿ ಹುಟ್ಟಿದ್ದು ತಪ್ಪಾಯ್ತು ಕೈಮುಗಿದೆ ಕೊನೆಯಾಗಿ

ಮನೋಹರ್

Manohara S
20191CSE0318



இல்லாவிடில் இருந்திடுமோ!

கதிரவன் உதிக்காவிடில்
கிடைத்திடுமோ பகலும்!
சந்திரன் இல்லாவிடில்
ஒளிர்ந்திடுமோ இருளும்!

நீர் இல்லாவிடில்
இயங்கிடுமோ உலகும்!
வான் இல்லாவிடில்
அமைந்திடுமோ நீரும்!

செடிகள் இல்லாவிடில்
பூத்திடுமோ மலரும்!
பூக்கள் இல்லாவிடில்
பரவிடுமோ கமழும்!

பாவை இல்லாவிடில்
குளிர்ந்திடுமோ கண்ணும்!
தேவை இல்லாமலே
இருந்திடுமோ எதுவும்!

நான் இல்லாவிடில்
கிடைத்திடுமோ இக்கவியும்!
நீ இல்லாவிடில்...?



V. Gokul
20201BBL0031



Main Apni Favourite Hoon

Life feels so different these days, working on something meaningful, creating content for our university students, so that we can help them enhance their confidence, know themselves better and lead a better life. Oh yes, I love myself now.

Getting up in the morning is more exciting, and spending some time dressing myself up with lotion, kajal, eyeliner and lipstick after a bath feels amazing. I can see the sparkle and joy in my eyes when I look at myself and telling myself that I look beautiful happens so automatically. Yes, I love myself.

It happens automatically when I take action, when I say yes to anything and everything that comes my way, which would lead to my growth. Doing things I love, spending time on yoga, meditation, singing, dancing, listening to Ted Talk, reading books and writing for this article on my way back home just happens, like a play.

Challenges do come my way, but when I'm in this flow, I feel I can handle anything that comes my way.

Saying yes to opportunities that come my way and taking regular action gives me more energy and enthusiasm to do more. It feels like an addiction, truly. Yes, I love myself more.

I do make mistakes, but I take it as my chance to learn lessons. I don't mind failing again and again and then getting better at things. Instead of beating myself up, I say I love myself.

People do behave badly towards me too. And even if I feel hurt, it's not long before I choose to forgive, empathise, and set boundaries because I love myself.

There are times when it becomes difficult to pick myself up. However, I don't hesitate to ask for help from people whom I trust because I love myself.

Finally, gratitude for all the people I have in my life and accepting life as it is makes me happy, and I can't stop loving myself.

This is why main apni favourite hoon, what about you?

Ms. Janvi Chandnani
Soft Skill Trainer
L&D Department, PU





Calling all students, staff, faculty

Are you good at penning a poem, spinning a yarn, narrating an anecdote, shaking a leg, crooning a tune, wielding a brush, tossing a ball, arguing to win, taking a shot, in short, anything that is worth a mention? Here is your chance to showcase your creativity.

Send your entries to editor@presidencyuniversity.in by typing them out in a word document or taking a picture with a high-resolution camera (no cell phone pictures, please) along with your photograph and credentials.





Calling All Alumni

I am sure everyone knows what ALUMNI means. The word Alumni originates from the Latin word ALUMNUS. It refers to a person who has attended college and completed graduation from a school, college, or university.

The alumni, I believe, can relate a lot to a KALEIDOSCOPE. A collection of bright, vibrant colours and lights shining together to form a kaleidoscope. And that, my friend, is what alumni are doing now, giving their best in their area of interest – professions, academics, arts, sports, media, social work, and just about everything that they do that brings them happiness.

I am glad to introduce a space for the ALUMNI in the Kaleidoscope. This space, dedicated to the alumni of Presidency University, will have their thoughts, things they are passionate about, stories and their achievements in life. Here you will find event updates, articles and interesting photos too.

For all the alumni out there, this is like coming back and staying connected with your alma mater – Presidency University. You can now proudly say, “We have arrived.”

Stay tuned for more...

Sameet Joshi,
Head – Admissions, CSR & Alumni
Presidency University

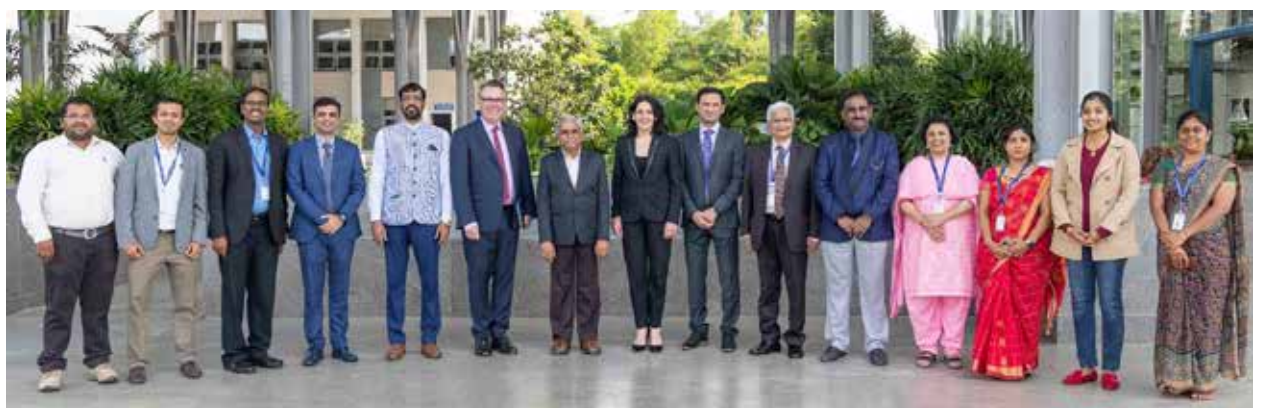
If you want to contribute to Kaleidoscope, please write to alumni@presidencyuniversity.in





Roundup of activities in September 2022

Cherished collaboration MoU with La Trobe University, Australia





Cherished collaboration MoU with La Trobe University, Australia



Say No to Ragging

Orientation Session





Presidency Calling

US Universities Visiting Presidency
14th Sep 2022



Presidency Calling

US Universities Visiting Presidency
14th Sep 2022



Remembering the doyen of engineering



Engaging Entrepreneur



A Seminar On “Entrepreneurship - Choice or Need, Defining Goal” was organised by the School of Management on 23rd September, 2022.

Ms. Shreya Kansal discussed why most businesses fail, how to raise funds within the group, and the value of networking and communication. She also provided a holistic view of entrepreneurship, emphasising the importance of properly coordinating thoughts and feelings. Ms. Kansal also covered the Do’s and Don’ts to be followed by budding entrepreneurs. Being an academician, she touched upon the aspect of the importance of work experience before starting one's own venture.





Dynamic Digitopedia

The School of Commerce inaugurated the Biggest Marketing Club at Presidency University powered by Team Digitopedia. With the help of the Digitopedia Marketing Club, a flash mob performed successfully for 3 hours on the 27th September with honourable chief guests Mr. Sachin Dahiya and Mr. Pramod on board.

The Chief Guests delivered speeches on marketing and digital marketing and judged the logo launch competition in the presence of Pro-Vice Chancellor Dr. Muddu Vinay, Dean Dr. Gunjeet Kaur, Associate Dean Dr. Vinay Joshi, and faculty from the School of Commerce.

The team extended a special note of thanks to

- Dr. Ameer Hussain (School of Commerce)
- Pingal Chanda and Satish (University Photographers)
- Yash Upadhyay, Anoop Sai M.H, Gagan Kumar, Rahul M from Team Digitopedia







Promoting an Inclusive Culture

On 29th September 2022, the HR domain of the School of Management conducted a panel discussion on the topic "Inclusive work culture: Challenges and benefits".

Prof. Debolina Dutta of IIM Bangalore, Ms. Kriti Gutt, Country HR head of Hewlett-Packard, and Prof. Gunjeet Kaur, Dean of SoM, Presidency University served on the panel. Prof. Jagdeep Singh, domain chair of HRM, acted as a moderator in this discussion. The panellists were introduced by Prof Akhila Udupa, HoD of SoM.

Prof. Dutta averred that an inclusive culture is needed in an organization as that would help the organization have a diverse talent pool, which is required for continuous innovation. Sharing her experience, Ms. Gutt asserted that an organization should present and follow policies and practices that provide equal opportunities for all human beings, as this would have a positive impact on the innovative culture of the organization. Prof.



Kaur stressed the need for an inclusive culture in educational institutions and shared her experiences, including those of Presidency University, Bangalore. All the panellists cleared the queries of the SoM students and faculty present. Prof. Krishna Kumar, Associate Dean, thanked everyone, including the Management of Presidency University.



Sharing Liquid Love



A blood donation camp was organised at PU on the occasion of Madam Chancellor's birthday celebrations on 23rd September 2022.



Welcome on board



Faculty Induction Programme for the new recruits



Service with a Smile NSS Orientation





Shared Learnings

PU-HTWG Konstanz University Interactive Session

A Faculty Interactive Session on “Energy Policy-A compromise between Reliability of supply and Economic Success- An example of Engineering and Management” was organised by the Department of Electrical and Electronics Engineering in Association with the Office of International Affairs on 13th September 2022 to create awareness on curriculum structure, evaluation modes, the kind of lab facilities, research opportunities at HTWG Konstanz University, Germany.

The EEE Dept. HoD, Dr. Joshi Manohar V introduced the German delegates Prof Dr. Gunter Voigt, HTWG Konstanz University, Prof. Dr. Matthias Werner HTWG Konstanz University.



Prof. Dr. Gunter Voigt presented the highlights of Electrical Engineering Department with various specializations like Industrial Project Management, Automation Engineering, International Engineering and Management etc. at HTWG Konstanz. Prof. Dr. Gunter Voigt also explained about the load shift and shape through smart control and discussed the evaluation procedures. The visitors also learned about the functioning of the EEE Department at PU.





Fresh Innings

Orientation to the New Students

The Department of Learning and Development organized a mega Scavenger Race event on September 5, 2022 for SOC and SOIS as part of their orientation program. More than 600 students participated and got a chance to know one another as well as the university campus. The event provided exposure to a wide range of learning opportunities in



terms of team building, synergy, creativity, ideation, and effective interpersonal communication skills. It was an engaging and enthusiastic event with loads of fun and learning.

Students in teams of 20 were given a road map for the scavenger race with clear instruction. Five nodal points were set up. At each node, students had to participate in team activities, collect a clue, and move on to the next node.



Fresh Innings

Orientation to the New Students

- Activity 1 was to take "Groupie" at Arch provided with a 20-minute timeline.
- Activity 2 was "Mind Squats" with a 20-minute timeline.
- Activity 3 was "Reel It" with a 30-minute timeline. Each team made a 15-second reel based on a song of their choice.
- Activity 4 was Slogan, Name, and Logo Design with a 30-minute timeline.
- Activity 5 was "Puzzle Time," with a 20-minute timeline.

After the successful completion of the activities, students assembled back at the canopy for debriefing and prize distribution. The first 3 teams to complete the scavenger race were awarded with gift hampers.

The School of Management organised a two-day orientation programme for first semester students. On this occasion, the Learning and Development Department conducted corporate readiness and personality grooming sessions along with a host of other activities. Students were given an introduction to the training conducted by the department and the importance of soft skills for getting them industry-ready by the resource persons, Ms. Sowmya R and Mr. Debmalya.



Fresh Innings



Orientation to the New Students

Group activities like CRESCENDO and ADZAP for students were conducted by Mr. Roop and Ms. Mini, which were highly appreciated with enthusiastic student participation. In the first activity, students were asked to create theme music for their group without using props, phones or any instruments; feet tapping, clapping hands, beat boxing, humming and singing were allowed. The time given for preparation was 15



minutes, and the presentation time was 10 minutes. Students participated actively and came up with creative ways to perform. Interactive debriefing by trainers brought clarity to the students and expectations were set for them to have a successful academic year.

In the second activity, ADZAP, students were asked to create a company logo and slogan, complete with an advertisement to market their product. The activity promoted originality, creativity, collaboration, and the presentation skills of the students.

Ms. Swapna M Seshadri
Soft Skills Faculty
L&D DEPARTMENT,
Presidency University



Remarkable Rotaract

Team Nova Induction Day



Calling all Staff/Faculty

Have you published papers, written books, bagged awards or won accolades recently? Send us a short report with an accompanying photograph. Have it featured in Kaleidoscope by mailing it to editor@presidencyuniversity.in



Project SVAMITVA



SVAMITVA (Survey of Villages and Mapping with Improvised Technology in Village Areas), is a central sector scheme of the Ministry of Panchayati Raj launched nation-wide by the Hon'ble Prime Minister on National Panchayati Raj Day, 24th April 2021, after the successful completion of the pilot phase of the scheme during 2020–2021 in 9 states. The scheme is a transformative step towards the establishment of clear ownership of property in rural inhabited ("Abadi") areas, by the mapping of land parcels using drone technology and providing a 'Record of Rights' to village household owners with the issuance of legal ownership cards (Property cards/Title deeds) to the property owners. This is the first ever such



Student Team in the field with Drone
Left to Right Bheemrao, Bibang, Karthik & Vidyasagar

exercise undertaken to carry out a property survey of all villages across the country. The Scheme is implemented with the collaborative efforts of the Ministry of Panchayati Raj, State Revenue Department, State Panchayati Raj Department and Survey of India. The scheme covers multifarious aspects viz. facilitating monetisation of properties and enabling bank loans; reducing property related disputes and comprehensive village level planning. This would be the stepping-stone towards achieving Gram Swaraj in the true sense and making rural India Atmanirbhar.

Presidency University, Bengaluru, is the first educational institution in the state of Karnataka to contribute to this scheme in partnership with Clear Water Dynamics (CWD). As part of consultancy efforts, the Department of Civil Engineering has been conducting drone surveys and rendering cadastral maps of the Chittoor and Tirupathi regions, Andhra Pradesh, since Sep 2022. A team of M. Tech and B. Tech students led by Dr. Nakul R, Dr. Shwetha A, and Dr. Chandankeri G is using a university owned PPK-based drone, manufactured by CDspace, to conduct a professional grade survey of land parcels. The geotagged drone images are then converted to Digital Elevation Models (DEM) and cadastral maps are prepared using PIX4D Mapper software in the Advanced Computing Centre (ACC) at Presidency University, Bengaluru. The team is able to establish the accuracy of cadastral maps well within 10 cm. About 150 km² of land area has been surveyed to date, and the team hopes to complete 500 km² by the end of December 2022.

Project SVAMITVA



Drone flight plan

The team members include Mr. Goutham B M (Lab Instructor), Ms. Sangeetha H M (Lab Instructor), Mr. Karthik M H (M. Tech BCT), Mr. Bheemrao (M. Tech BCT), Mr. Bibang (M. Tech BCT), Mr. Akula Vidyasagar (M. Tech BCT), Mr. Sujan S (M. Tech BCT), Ms. Prerana R (B. Tech CIV), Mr. Varun P (B. Tech CIV), and Mr. Venkata

Sivaram (B. Tech CIV). Sincere thanks to the Management and Research & Development Team of Presidency University for the assistance and facilities provided to the SVAMITVA project team.

Student testimonials



Karthik M H

We got a wonderful chance to experience the new way of curriculum which gives us 100% practical real-life exposure and it helps in gaining confidence to work independently in difficult situations. And I am happy to be a part of this initiative from Presidency University and Clear water dynamics.

I thank Nakul sir and team for supporting us and creating this opportunity
Thank You



Bheemrao

Being a technical student I know the importance of practical experience, we are grateful to have this extraordinary internship opportunity at CWD (Clear water dynamics) which helps in building our career. Thank you Presidency University for giving this opportunity. Thanks to Nakul sir for supporting us.
Thank you

Project SVAMITVA



Bibang

The new generation of survey lies in using UAV to save time, resources and many other factors. This project is giving me opportunity to explore the new technology and experience different scenarios that comes along the way.

It's been a great pleasure to work along with other robust teams of CWD (Clear water dynamics) in the field. Thanks to Presidency University for this opportunity.



Vidyasagar

It's a great experience to intern in the SWAMITVA project under the CDW (clear water dynamics) and Presidency University. We are learning the proper protocols for operating drone in airspace. This includes operation, flight planning and decision making when a sudden issue arises with drone or climatic changes.



Sujan S

I am very happy to be a part of the project "SVAMITVA". Learning new things, gaining knowledge about drone surveying, facing new challenges every day in both processing and field drone flying. I am glad to get such experience from team CWD and Presidency University.

Thank you



Prerana R

We got an extraordinary chance to learn and experience everything about the SWAMITVA project. The best part is we get to experience how to solve different problems in every village project and learn something new almost everyday, and I'd like to thank Nakul sir, Shwetha madam and the team for supporting us and CLEAR WATER DYNAMICS for supporting our learning with such a great opportunity.

Drones overall will be more impactful than I think people recognize in positive ways to help society.

– Bill Gates

Honouring Human Resource Professionals



Employees are considered the human capital of an organization, using their knowledge, skills and experience for the betterment of the organization they work for. Human resource professionals play an integral role in ensuring the success of organizations by nurturing and developing the human potential within them. They work behind the scenes to ensure that the organization gets an efficient and competent workforce that can fulfil the vision laid out in its charter. It supports the organization to align employee performance with its objectives. Besides hiring competent employees, the HR department endeavours to upgrade their performance through training, development, and maintaining relations, besides carrying out routine tasks like screening resumes, arranging interviews, recruiting candidates, processing payrolls, maintaining employee records, tracking employee performance, etc.

Going digital has helped HR departments to consolidate data quickly and analyse the data to help improve their decision-making. In order to celebrate the work of countless men and women who endeavour to make employees' lives better, Human Resource Professional Day is celebrated every year on 26th September. Governor-General Sir Patrick Allen of Jamaica created this day to recognize and celebrate human resource professionals in October 2013.

H.R. Professional Day is all about thanking and appreciating the hard work of H.R. staff since they handle the most difficult situations, such as staff negotiations, corporate liaison, and legislative interpreting.

On the occasion of HR Professional Day, here is raising a toast to Team HR of PU.



Gracias, Merci, Shukran, Thank you

World Mental Health Day



World Mental Health Day, observed on 10th October every year, aims to raise awareness of mental health issues around the world and to mobilise efforts in support of mental health.

Even before the pandemic in 2019, an estimated one in eight people globally were living with a mental disorder. At the same time, the services, skills and funding available for mental health remain in short supply and fall far below what is needed, especially in low and middle-income countries. Many aspects of mental health continue to remain challenged.

The COVID-19 pandemic has created a global crisis for mental health, fuelling short- and long-term stress and undermining the mental health of millions. There is a tremendous rise in both anxiety and depressive disorders.

Let us deepen the value and commitment we give to mental health as individuals and communities and strengthen mental health care and support for individuals who are struggling with mental problems and ensure they are able to access the right care. Let us make mental health and well-being for all a global priority and extend loving care to those amongst us who need our support and unconditional love.

Presidency University, in partnership with YourDost, an online counselling platform, aims to create happy communities and a happy campus. If you or your friends require emotional support, please feel free to chat anonymously with a YourDOST expert who's there to help you and not judge you.

Log on to <https://yourdost.com/> for more details.

You, yourself, as much as anybody in the entire universe, deserve your love and affection.

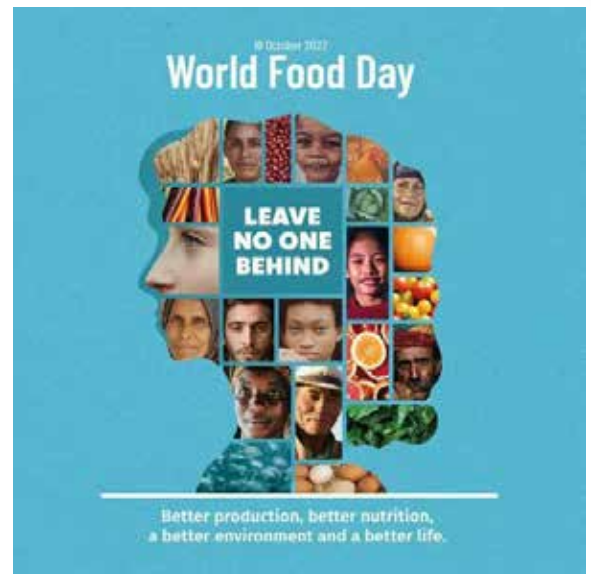
– Buddha

World Food Day – 2022



The world is full of food heroes—from farmers to drivers; shop assistants; food banks; delivery partners; government representatives; etc.—who, despite various challenges, work hard to make sure that food makes its way from farms to our tables.

World Food Day is celebrated annually on October 16th to highlight the millions of people worldwide who cannot afford a healthy diet and the need for regular access to nutritious food. The Food and Agriculture Organization of the UN (FAO) designated October 16th as World Food Day in 1979.



World Food Day has a different theme every year to focus on areas that require action and offer a common objective. The theme for 2022 is "Leave No One Behind." World Food Day 2022 is being marked in a year with multiple global challenges, including the COVID-19 pandemic, conflict, climate change, rising prices and international tensions. All of this is affecting global food security. We need to build a sustainable world where everyone, everywhere, has regular access to enough nutritious food.

Leave No One Behind

Although we have made progress towards building a better world, too many people have been left behind. People who are unable to benefit from human development, innovation, or economic growth. In fact, millions of people around the world cannot afford a healthy diet, putting them at a high risk of food insecurity and malnutrition. But ending hunger isn't only about supply. Enough food is produced today to feed everyone on the planet.

More than 80% of the world's extreme poor live in rural areas, and many rely on agriculture and natural resources for a living. They are usually the hardest hit by natural and man-made disasters and are often marginalized due to their gender, ethnic origin, or status. It is a struggle for them to gain access to training, finance, innovation and technologies.

World Food Day – 2022



World Food Day facts

- India falls to 107 from 101 in the Global Hunger Index.
- Eight hundred million people around the world suffer from hunger.
- In parts of the world where hunger is a big issue, life expectancy is shorter, infant mortality is higher, and productivity is lower.
- Around the same number of people around the world suffer from obesity due to unhealthy diets.
- Obesity kills more people than hunger.
- Inefficient, unsustainable food systems harm ecosystems and contribute to global warming. Changing the way we produce food is key to tackling climate change.
- As the climate changes, we will have to change the way we produce food; yields will decrease, and new food sources will have to be found.
- In developed countries, tackling obesity would save hundreds of billions of pounds in healthcare costs.
- In countries where hunger is an issue, eliminating hunger would dramatically increase productivity and national wealth

How to Celebrate World Food Day

A number of opportunities exist to get involved with World Food Day! Here are a few ideas.

- Make a Donation to a Food Bank or Charity
- One of the best ways to celebrate World Food Day is by giving nutritious food to people who need it the most. If you do a quick search online, you should be able to find the nearest food bank to you. Most food banks are happy to accept food or money. The sort of food that can be packed in a ready-to-eat form.



- World Food Day is also a great time to donate to a charity. You could also opt to do some fundraising as well. There are many different ways you can go about this, from fundraising events to sponsored activities. If you are able to raise awareness and some money in the process, it's a great thing!

World Food Day – 2022



Remember:

Our actions are our future. A sustainable world is one where everyone counts.

Governments, the private sector, academia, civil society and individuals need to work together in solidarity to prioritize the right of all people to food, nutrition, peace and equality. Indeed, every one of us, including youth, can work towards an inclusive and sustainable future, showing greater empathy and kindness in our actions.

We must each be the change. World Food Day is your day!

Collective action across 150 countries worldwide promotes worldwide awareness and action for those who suffer from hunger and the need to ensure healthy diets for all, leaving no one behind.

Compiled by



Ms. Tabasum Fathima
Nutrition Faculty,
Senior Admin Associate, PU



World Food Day – 2022

An initiative from Rotaract and the Culinary Club of PU



Rotaract Club & Culinary Club
Leave No One Behind WFD
15.10.2022 13:24
13.10337.77.59476
373, Masjid Rd, Bestara Colony, Choudeswari Layout,
Kamakshamma Layout, Bengaluru, Karnataka 560063



Rotaract Club & Culinary Club
Leave No One Behind WFD
15.10.2022 13:35
13.10336.77.59476
373, Masjid Rd, Bestara Colony, Choudeswari Layout,
Kamakshamma Layout, Bengaluru, Karnataka 560063



Rotaract Club & Culinary Club
Leave No One Behind WFD
15.10.2022 14:03
13.10334.77.59479
374, Masjid Rd, Bestara Colony, Choudeswari Layout,
Kamakshamma Layout, Bengaluru, Karnataka 560063

If you can't feed a hundred people, then just feed one.
– Mother Teresa



Answer to the September edition of the Picture Calling Photo contest



In a country where road rage and traffic jams are the norm, this street in **Mizoram**, where commuters follow lane discipline, stay within a demarcated line, and do not overtake any other vehicle without a cop overseeing, is quite an exception. The picture presents an unusual sight and it is up to us road users to follow driving discipline on the roads. Change begins with each one of us doing our bit. Do you agree?

The following got it right.

1. Prof. Jagadish Godihal, Prof.-CIV & Deputy Dean, Academic Research, PU
2. Mr. Vishnu Jha Pillai, Admin Executive, Registrar Office, PU
3. Dr. K N Sheshadri, Chief Librarian, PU

Congratulations

Picture Calling



Here is another picture to test your general awareness.

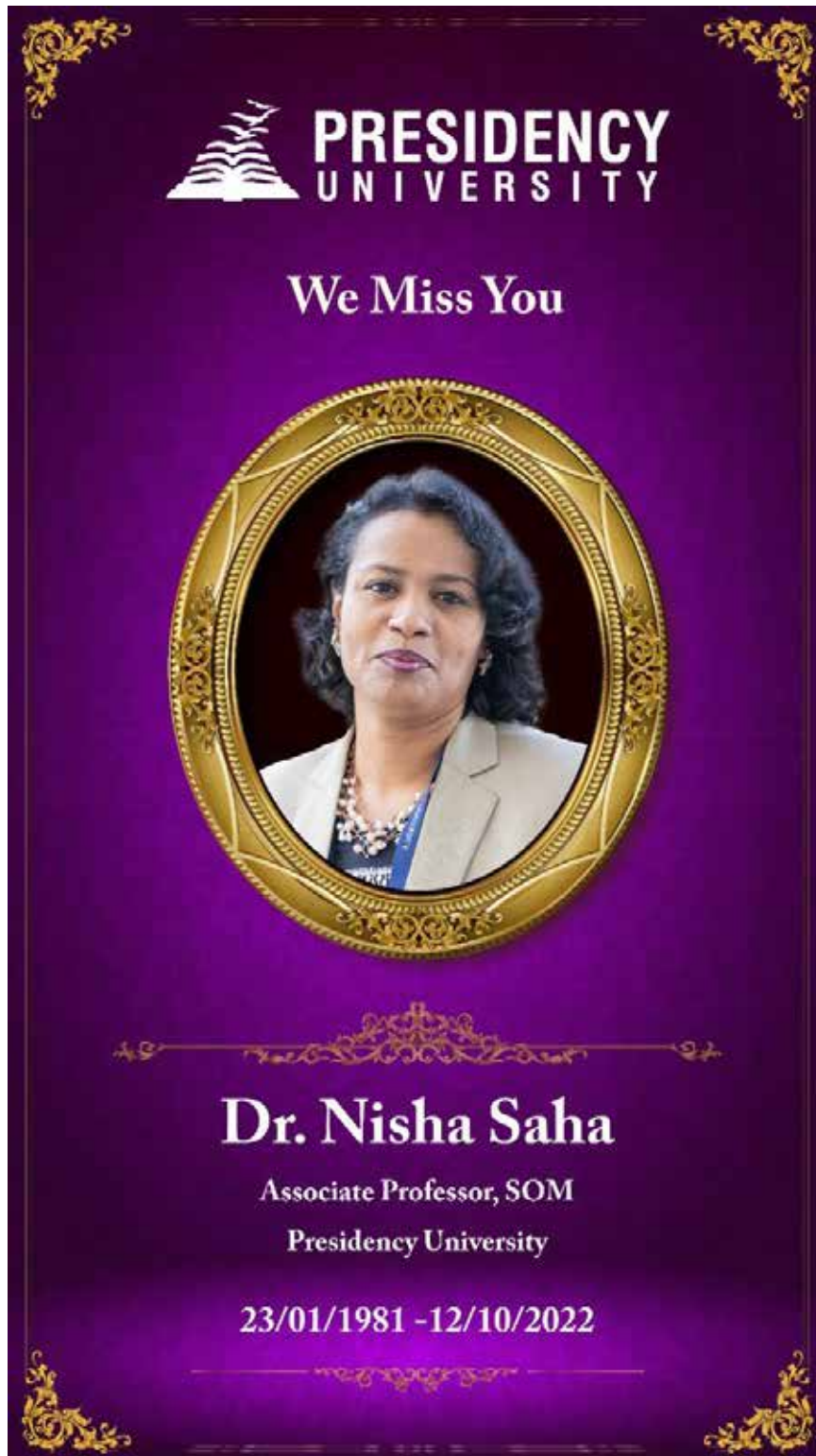


Send the details of this picture, your name and your role/ class details to editor@presidencyuniversity.in



Presidency Family News

In Memoriam



"Full many a flower is born to blush unseen"

Careers in Biomedical Engineering



If you want to combine your love for engineering with the ability to design life-saving medical products, a career in biomedical engineering may be your calling. Advances in technology and the need to care for an ageing population make biomedical engineers one of the most in-demand positions in the country.

Biomedical engineers work in medical institutions, manufacturing and research facilities, universities and more. They design surgical robotics tools, implantable medical devices, 3-D printing for organs and other life-saving innovations. The two fields of health and technology are coming together to revolutionize the field of medicine.

In India, biomedical engineering is a sought-after career, and biomedical engineers collaborate with doctors and researchers to develop medical systems, equipment, or devices that can solve clinical problems.

Specialised skills involving the application of engineering principles to create healthcare solutions and the ability to design and develop innovative medical products like heart valves, joint replacements, and assistive devices call for proficiency in both engineering and healthcare fields. These engineers also create computer systems and software like medical imaging, making the career interdisciplinary. Attention to detail, a keen eye for design, empathy, and teamwork are the other skills that a biomedical engineer should possess.

This column includes one regular and one offbeat to give you ample choice to make an informed decision.

The engineer has been, and is, a maker of history.

– James Kip Finch



Music Composers and Arrangers

A music composer composes music and breathes life into the musical notes which are performed by other groups of musicians or even by a solo singer. An arranger, on the other hand, arranges the composer's work with the right tune and tempo. They bring harmony and melody into the work. Very often, the composer acts as the arranger. They can also be singers or a music director or music producer. All roles are interrelated in the music industry. Hard work, a never-say-die spirit, perseverance and patience are the hall marks of those working in this field. Those interested in pursuing this career will do well to arm themselves with degrees and diplomas in the fields of music (vocal and instrumental) as well as advanced music composition technology either from India or abroad.

Offbeat

Another interesting aspect of wanting to enter the field of music is the interest in therapeutic healing. Music heals and soothes both the artist and the audience. The flexibility to work at one's own pace, giving ample scope to one's creativity, the opportunity to start one's own YouTube channel besides having a fulfilling career awaits one who is ready to embark on a career in the field of music.

Music is the strongest form of magic.
– Marilyn Manson





Beware of the following mistakes

Incomplete Comparisons

When you use a word in its comparative form, you have to compare it to something else.

E.g.

Incorrect: Shimla is colder.

Correct: Shimla is colder than Delhi.

Wrong comparison

Incorrect: It is more hot now.

Correct: It's hotter now.

Confusion Between Fewer and Less

If you are referring to a quantity of some item, then find out if it is all of one thing only or it is a group of many things.

If it's a group of many smaller things "fewer" should be used.

If it's only one thing, "less" should be used.

E.g.

Incorrect: "The store was almost out of sunflower oil. There were less cans on the shelves than there were yesterday."

Correct: "The store was almost out of sunflower oil. There were fewer cans on the shelves than there were yesterday."

Know the right usage through these examples

Incorrect: I don't want nothing from you.

Correct: I don't want anything from you.

Incorrect: You are a teacher?

Correct: Are you a teacher?

Incorrect: If I will be in Bengaluru, I will contact you.

Correct: If I am in Bengaluru, I will contact you.

Incorrect: She called to me on Sunday.

Correct: She called me on Sunday.



Beware of the following mistakes

Incorrect: We go the shopping mall every weekends.
Correct: We go to the shopping mall every weekend.

Incorrect: I am boring in this class.
Correct: I am bored in this class.

Incorrect: When I can see you again?
Correct: When can I see you again?

Incorrect: I have seen her at the party yesterday.
Correct: I saw her at the party yesterday.

Incorrect: He's engaged with my cousin.
Correct: He's engaged to my cousin.

Incorrect: The Professor which teaches in the English department comes from Goa.
Correct: The Professor who teaches in the English department comes from Goa.

Learning is a treasure that will follow its owner everywhere
– Chinese Proverb



From gothilla to gotthu (don't know to know)

Here are a few action words and conversation questions put together by the Department of Languages-Kannada for non-Kannadigas to make yourselves at home in Bengaluru. Happy learning.

Verbs

- Thinnu- to eat. I am eating – Naanu thinnutthaa iddene
- Kudi - to drink Drink Water - Niiru kudi
- Bari – to write Write home work -- mane paata bari
- Bogalu - to bark Dog barks - Naayi bogalutthadhe
- Nodu - to see See that shop - Aa angadiyannu nodu
- Iiju - to swim Do you know swimming - ninage iijalu barutthaa?
- Holi - to stitch Can you stitch a blouse - Blouse(kuppusa) holidhu koduviraa?
- Maadu - to do I will do this work - Naanu ii kelasa maadutthene
- kElu - to ask He is asking the question - avanu prashne kelutthiddhaane
- kElisikollu - to hear She is listening to a song - avalu haadanu kElisikollutthiddaale
- Odu - to run He is running very fast - avanu vEgavaagi odutthiddaane
- Nade - to walk You should walk daily - niivu prathi dina nadeyabEku (Vayuvihaara)

Conversation

- Harish, when did you come to Bangalore? - Harish Bengaloorige yaavaaga bandhe?
- I came last night - Ninne raathri bandhe
- Where did you come from? -Ellinda bandhe?
- I came from Tirupati - Thirupathiyinda bandhe.
- At what time did you come? -Eshtu gantege bandhe.
- I came at nine o' clock in the night. - Raathri ombhatthu gantege bandhe.

Language exerts hidden power, like the moon on the tides
– Rita Mae Brown

Food Tales

The Malpua, famous as the oldest Indian dessert, finds mention in the 3000-year-old Vedic texts, which refer to them as apupa. This was the forerunner of the present-day sugar syrup dipped malpuas and was originally made with deep-fried barley flour and sweetened with honey. Over time, the 2nd century saw wheat-flour based malpuas that were sweetened with sugarcane juice, which is highlighted in *A Historical Dictionary of Indian Food* by the late food historian KT Achaya. Another wheat version of malpua emerged eventually, which was actually small flat cakes stuffed with jaggery. Today, the malpua comes in many different varieties. Malpuas that are dipped in thick sugar syrup known as chashni, or those served with dry fruits and rabdi. This is one sweet that unites the country across regions or religions. It is offered during festivals like Holi, Eid and Diwali. The Buddhist and Jain texts of ancient times also refer to apupas, which would be served as a welcome treat for the guests. Crossing shores, the dessert has managed to reach other South Asian nations too. It is popular in Pakistan, Bangladesh and Nepal too.



Train Tales

Have you wondered why an X is written on the last compartment of trains in the Indian railways?

In India, the X is usually painted in bright yellow or white on the last bogie behind passenger trains. The letters LV are written along with the cross mark. The term "LV" stands for "Last Vehicle". A red light is available right below the letter X, and it is a vital element to focus. The X mark on the last wagon of a train is highlighted with a mission to save an accident. It helps to ascertain that the one with the mark is the last box of that train. This sign also helps the staff to indicate that if the box with the X sign is not a trail behind a train, then it is in an emergency. A coach has a chance to get into an accident if it is separated from the train. The guard, on duty to display the green flag on the rail crossing, sees the X mark so that it can be confirmed that all the coaches of that train are connected. At night, when it is dark and the sign is not very prominent, the red light under the scope of the mark helps to determine the last coach. When the mark and the light do not reflect normally, it alerts the railway staff and authorities that the train has encountered a problem. It protects passengers and those nearby from any fatalities or mishaps.





Only after seeing the last compartment with an 'X' mark cross the station, does the station master give permission to the station master of the previous station to leave another train.

So the next time a train passes by, make sure you notice the X sign!

Tunnel Tales

The World Book of Records has officially certified the Atal Tunnel, named after former Prime Minister Atal Bihari Vajpayee, as the “World's Longest Highway Tunnel Above 10,000 Feet”. The 9.02 km long, strategically significant Atal Tunnel that runs under the Rohtang Pass was constructed on the Manali-Leh Highway under the challenging conditions of freezing temperatures in extremely difficult terrain. Construction of this tunnel has reduced the distance on the Manali-Sargu road by 46 km and travel time by four to five hours, providing all-weather connectivity on the Manali-Leh axis.

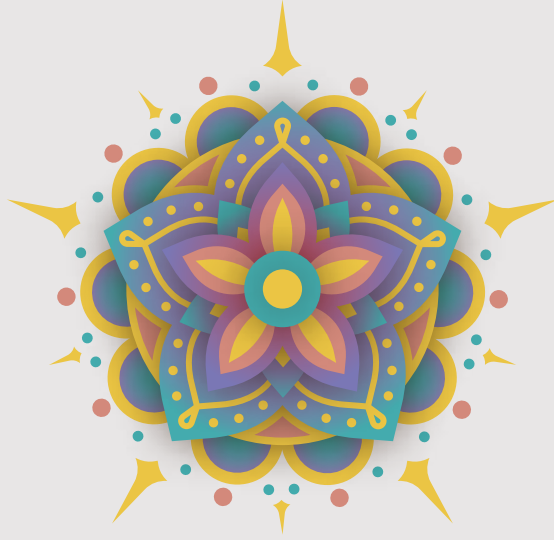


During its construction, the most challenging task was to continue the excavation during heavy snowfall in winter. Excavation for tunnelling was done from both ends. However, as Rohtang Pass closes during the winter, the north portal was not

accessible during the winter and the excavation was being done only from the south portal in winter. Only about one-fourth of the entire tunnel was excavated from the north end, and three-fourths of it was excavated from the south end. There were more than 46 avalanche sites on approaches to the tunnel.

Other obstacles to tunnel progress included difficulties disposing of more than 8 lakh m³ of excavated rock and soil; heavy ingress of water (as much as 30 lakh litres per day in June 2012) that required constant dewatering; more expensive treatment that slowed excavation from 5 metres per day to half a metre per day; and unstable rocks that slowed blasting and digging. But all the challenges were eventually overcome to create this strategic asset for India.





We would love to hear from you.

*Please send your comments and suggestions to
editor@presidencyuniversity.in*

The Team

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Dr. Akila S Indurti – Editor

Abdulla – Designer

Pingal Chanda – Photographer

Kaleidoscope wishes to thank all those who have contributed to this edition of the magazine.



