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SAMPADA

Your window to UVCE



*STAY SAFE
AND
STAY POSITIVE*



Edition

123

EDITORIAL

Ways for Individuals to Take Action During the COVID-19 Crisis

Life has been a whirlwind since we first heard the term COVID-19. Over a few short weeks, the coronavirus pandemic has posed profound health concerns and an array of challenges and disruptions, from cancelled events and school closures to supply shortages and financial uncertainty. While we're all feeling the effects in different ways and to different extremes, so many of us—fortunate to be in a position to give—are asking the same question: *What can we do?*

Support a small business: Economic downturns hit small businesses the hardest, and there's never been a better time to use our power as consumers to support the companies who need it the most. Remember small and mid-size businesses as you stock up on household supplies, and shop directly on their website whenever possible. Share your favourite small brands on social media.

Volunteer virtually: The most vulnerable members of our communities are in greater need than ever, but volunteering has become much more complicated. Visit your favourite organization's website to explore opportunities to give your time online, or send a monetary donation if you can.

Be mindful at the grocery store: It's an understandable urge to stock up during uncertain times, but it's leading to shortages in grocery stores. Next time you go shopping, consider buying only the standard amount of food and essentials needed for your household and leave some behind for your fellow shoppers.

Give blood: Due to an unprecedented number of blood drive cancellations, the Red Cross is facing a severe shortage of blood to support patients in need of necessary surgeries. It is still safe for eligible and healthy donors to donate blood.

Check in on a neighbour: Check in on your neighbours who may need a helping hand, such as higher-risk individuals or parents at home with kids. You may be able to assist with a much-needed errand or a friendly smile.

Keep connecting: Human connection is a critical part of mental health, but physical distancing is keeping us all separated from friends, families, co-workers, and communities. Though it takes extra effort, it's invaluable to create moments of social connection with the people in your personal and professional circles. We don't know how long this period will last, but we know that we're stronger together.

You can read the complete article here - <https://bit.ly/39WPdyI> (B The Change)

In the current panic-stricken situation with COVID -19, we thought this editorial must not be something we talk or suggest from our perspective. We wanted to share thoughts from a well-researched article to bring to you facts and suggestions that will help us during this tough time.

As we have said, this is a time we must all stand united. Therefore, we are making efforts to build the connect among UVCEians. In the trail to this, we did an online event last week—"FB Samvaada", where we had alumni and current students interact on various thoughts on UVCE. We are also plan to have more such events in the coming days with even more interesting topics and will you inform soon. Another effort in the way of strengthening our alumni platform is we are working to increase the membership of UVCE Graduates Association. It is definitely evident in current situations like this on how important building a network is. If you looking to join hands and register yourself to become a member, [click here](#).

WE LOOK FORWARD TO YOUR SUPPORT IN THIS ENDEAVOR!

- Team Sampada



COPING WITH COVID-19

COVID-19 more commonly known as the Coronavirus disease, has brought the world to a staggering halt. Health Professionals all over are working overtime, tending to the infected, risking their own lives. Governments are labouring hard to keep their citizens safe and their countries functional in the face of such a crisis. In the meanwhile, we are entering the third week of a country wide lockdown and most of us are out of ideas about how to utilize this time.

Always wanted to pick up that book on *Mechatronics*? Always planned on participating in a *CodeChef* contest? Been waiting to start a *YouTube* channel on cooking? Been neglecting workout sessions due to lack of a gym? Make a list of all the things that you have been stacking up over the years (**which do not demand travelling**) and plan a schedule for the next 2 months. Executing these schedules will not only give you a sense of accomplishment, but also allow you to engage in a hobby and make it a part of your lifestyle. Moreover, in these times, frustration is bound to build up and a hobby would enable us to destress and relax both our mind and bodies!

For fourth year students, this is perhaps the most crucial phase of their college lives. Finishing up projects, making the final reports while juggling studies is an uphill task even under normal circumstances. To compound their woes, the Placement Season might also be largely affected. In such a situation, students who are already placed must keep their calm and focus on completing their studies successfully! Students who are yet to be placed need not panic either. Companies would resume hiring once the current impasse is under control, and having the requisite grades will only better one's chances.

Students who have opted to appear for competitive exams like GATE, GRE, UPSC, Bank PO, etc will no doubt be undergoing great stress and uncertainty. However, situations like these only add to your personality, and we all know- Interview stage is a test of one's Personality! Therefore, you may look at this as an opportunity to hone yourself. For example, you can take up leadership roles in your locality to raise awareness regarding COVID-19. Further, the present situation also gives you ample time to read, revise and test your knowledge umpteen number of times, so that the exam itself seems easy to you once it is conducted!

For readers and students alike, what is most important at the moment is to Stay Safe and take care of one's family. Social Distancing is the keyword these days and following the same is not just our duty to the Nation but also our responsibility, to help those providing essential services and health services in this fight against a pandemic!

- Abhishek Chakma, Batch of 2015 ECE

NANNA MANADA CHANDIRA

Namma UVCEians are always striving to greater heights and here is a sneak-peek of one such story. On April 4, 2020 - two of namma UVCEians were excited to unveil a music video, which they had been working on for six long months. Few hours in to release on Youtube Platform - their video, a 6 minutes kannada classic with its soothing tune, meaningful lyrics, perfect picturization had created a sensation among the audience that they didn't see coming.

The beautiful song was widely accepted, shared and adored by the viewers -clocking around 12,000+ views organically with barely any promotion.

Raghavendra Hegdekatte and Kartik Bhat Agni who have composed, sung and written this song are seen both behind and on the scenes are proud UVCEians graduated in the year 2017.

To support this budding talent, we at team Sampada have tagged their piece of art for you to cherish, rejoice and share it along with your friends and family! <https://youtu.be/1BtgEfVIsGc>



IN TALKS WITH AN UVCEIAN LINEAGE

Team Sampada: Give us a brief introduction about yourself

Murthy Sir: I am V S O Murthy and I graduated from UVCE in 1984 Electronics batch. Ours was the first batch to have an Annual Scheme. During our time, both Electrical and Electronics branches had the same Head of the Department – G Parameshwarappa. Due to various reasons, our exams were delayed and hence both our 1984 as well as 1985 batch students graduated together.

TS: We know you have your own company, please tell us a bit about how you started it and the products/services offered, so that many more UVCEians are aware about it

Murthy Sir: After graduation, I worked in a firm for 3 years. Later, I started my own company (around 1990) – Pragna Microdesigns. We are focussed on providing all type of Lab equipment for Electrical Departments. We work with most of the Engineering Colleges of Karnataka and provide the requirements. Of late, we have started to have tie-up with Polytechnics and ITI colleges too.

We are focused on DC/AC Machine Labs, Measurements Lab, High Voltage Lab, Control Systems, Relay Labs (all Electrical Department as mentioned earlier). We also specialize into Power Electronics and Advanced Power Electronics Lab equipments. Our lab setups comply with latest and coming technologies. We also focus on developing new experimental setups for new technologies and innovations like renewable energy experiments, electric vehicles etc. As of late, Akarsh has started drafting up and conducting workshops for engineering colleges on various subjects that help students to gain better knowledge and insight into the industry. He also does consultation for MTech and PhD students to help in their projects and thesis. Apart from all this we offer internships to students to help them gain a better understanding and a hands-on approach to the industrial domain.

We are extremely proud to say that some of the premier institutions of the state and country are our continued customers. We serve both private and government institutions. We have supplied our products to various NITs, ITIs and renowned institutions such as BITS, UVCE, RVCE, BMS, BIT, MSRIT etc. We have also tied up with colleges in Andhra, TamilNadu, Kerala, Orissa, Rajasthan, Delhi. Few years back, we have worked with International clients as well like Manipal University in Dubai, few other colleges in Muscat, Ethiopia etc. Today, we are proud to say we are a well know name in our industry due to our quality products and services.

TS: What are the most fond memories of your college time & your favourite teachers?

Murthy Sir: UVCE was the first preference to all the merit students across the state during our time to choose undergraduate course. The reputation was intact, it was matter of pride to be admitted in this college and so I was very happy to join the institution. By our time, we had full-time Professors for the college but since Electrical and Electronics branches were under the same Department, most of the faculty taught both the classes. I remember that our class strength was around 60-70. I stayed in a Community Hostel and commuted to college on a daily basis. There were only cycles then and the Cycle stand was the most happening place. Few of them travelled by bus (if the distance was a bit far). The number of two-wheelers was very less and mainly the lecturers rode them. I remember seeing only 1-2 cars then inside the college premises.

I was not a very active in sports and other extra circular activities. But we witnessed many student-led protests during our times. We had a field trip organized and most of the students had participated.

Parameshwarappa was the Head of the Department, we all remember him and the classes fondly. A Veerabhadrapappa was one of the few lecturers that I can recall who were very strict and



knowledgeable in their respective fields. Speaking about my fellow batchmates and classmates, some of them went on to become professors/chairpersons in other institutions – like Sriram Hegde in SDM, Manikantan in MSRIT, Shivalingaiah in SJP – and they still remember our faculty of those days with respect and talk about them whenever we meet. Many of my batchmates have settled in abroad as well.

4. Team Sampada: For a long time now, you have been contributing to college and electrical lab. Can you briefly describe all the various things that you have done (working with other UVCEians from various batches)

Murthy Sir: UVCE, being my alma-mater, has always been close to my heart. Though, I have not contributed in any huge manner, I have tried my best to chip in whenever possible. My domain being Electrical Lab equipment, we have tried to do whatever possible from our company in this area. We have serviced various lab equipment over the years for a nominal fee or no fee at all.

Of late, my son, Aakarsh, who is also from UVCE 2015 EEE batch, discussed with his batchmates and decided to contribute for the DC Machine Labs. After getting the approval from the Chairperson, the students contributed some amount of money and we chipped in the remaining funds and donated motors and few other equipment for the lab. Last year, we also contributed for Basic Electrical Labs with the support of one other alumni – Trivikram S (1991 batch) of T.S. International – who donated in with few Transformers for the lab.

Later, alumni from 1995 Electrical batch also approached me and mentioned that for their “25th Year of Graduation” they wanted to contribute something for the Electrical Department labs. For the AC Machine Labs renovation, they pledged a total fund of Rs.3.5 Lakhs. Along with it, we also contributed some amount and started the work. Most of the equipment is delivered already to the lab. Along with it, few of the tables (which were of high quality from those olden times) just needed some polishing and fine-tuning. We completed those as well and provided some panelling work as additional contribution. Some last couple of works are pending which will be completed by the end of Lockdown due to this COVID-19 situation currently.

TS: In the current scenario, what are your concerns and suggestions for betterment about UVCE and specifically the electrical labs?

Murthy Sir: UVCE has always had the potential to be better than what it has been always. It is the same even now. The campus needs to be maintained well. The authorities need to work and focus on making a better environment for studying. Continuing the pattern from the decades, the syllabus needs to be updated. It is the same across Universities (either VTU or UVCE or Deemed).

Even during our times, we felt we needed better lab practical experiments. The same case continues even now. One of the examples, is even today “Solar Equipment Practical Experiment” is not introduced, which is very essential these days. We need to work to make sure that the current students get exposed to the latest technology.

Even though the Basic Electrical Lab has been re-introduced to the first year students, there are no experiments about Transformers or Motors, which makes the entire attempt futile. Most of the colleges (including UVCE) are ready to spend on Computers but not for improving Electrical/Electronics components. There has to be better co-ordination amongst the lab technicians, lecturers, department heads and the college).

As alumni, we also need to come together and try to support our alma-mater. It is not about individual but group effort that is required. Various people can help in different manners, which they think is suitable.

We are very thankful to Murthy Sir for this interview. We had interacted with him in the past from VisionUVCE to get few Lab equipment serviced (couple of years back) for both EEE & ECE Departments. It was really nice to touch base with him again and know about his involvement with UVCE. Also, we were glad to connect with Aakarsh, his son (UVCEian '15) and wanted him to also share few thoughts so our readers could know more about him and about this interesting UVCE Graduate lineage in his family. So flip to next page to read it -

UVCE was one of the best phases of my life to be honest. I am proud to be a part of a big network of UVCE alumni and an UVCEian. It was a very growing and enlightening experience to have studied in this premier institution which taught me more than just engineering. I must thank my professors and my friends for those days. Most of the professors who taught me are still in the department. It always feels good to go back and talk to them about those and to see how the college has been doing well. Apart from studies I was also part of UVCE cricket team and organised our tournaments which was a very good experience as well.

After my BE from UVCE and MS from San Jose State University in US, I came back to Bangalore to work along with my father in our own firm. It's been a good one year of work and experience for me so far. I won't talk much about the company since my father has already spoken about it. But I do want to mention personally I am working on new experimental setups and workshops for latest technologies and to give students an industrial experience in the same. I am also offering consultation services for MTech and PhD students on their projects and thesis.

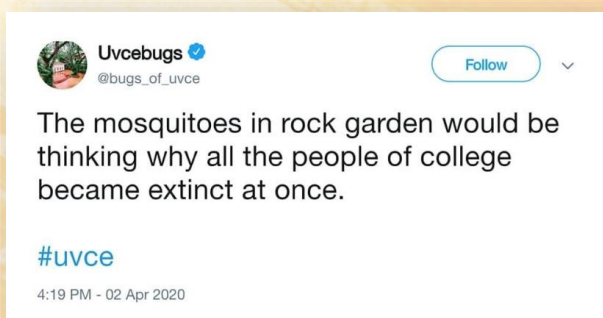
As far as my new relationship with UVCE is concerned, an opportunity was presented to me where I could give back and be thankful to the institution. Thanks to Dr. B.P. Harish sir that he gave our batch this opportunity to sponsor the lab renovation and procure new equipments for the same. Some of my friends contributed to this endeavour and chipping in the rest we brought a new and a well-furnished DC Machines lab for the new students. Our partnership with UVCE has continued after that to different labs funded by another alumni batch of UVCE.

I hope this relationship with UVCE and us grows forward and we can work more closely with the college on various levels. I would like to deeply thank Dr. B. P. Harish, Dr. Madusudhana J and Dr. T. S. Prasanna for giving this opportunity to us and their support.



LAUGHTER BUGS OF UVCE

The following images are some memes we selected from one of the UVCE Meme Page Handles that are maintained by some students. It is our humble request for you to enjoy these with light-hearted humor and not take it in any offense. (Instagram Handle: [@bugs_of_uvce](https://www.instagram.com/bugs_of_uvce))



Me showing chemistry lab to over excited 1st year nibbas.



When it's been 3 months & clg hasn't announced results & now u don't even remember what subjects u wrote



Final year students realising that their college life is technically over



CAMPUS SAYS

After a busy running schedule, quarantine is a blessing in disguise! I feel this break was much needed! Although quarantine is meant for our safety, personally I am happy as others! Quarantine is letting me surf a lot of turfs, which I hadn't experienced till now! The day quarantine was announced I planned coping with academics, completing records and other pending work.



Inspired by friend I tried painting for first time, it was her first time as well, so we both gave it a shot! Like all beginners, I began with easy stuff like flowers and nature as the theme but the results were not that good, but I am satisfied! So I thought why not do something different, so using paint I did some academic puns, inside jokes and shared it amongst friends and had fun! Also, quarantine has let me to hone my cooking skills! Results were pretty awesome and I enjoyed the process! This is the moment to spend quality time with our own people! Also, opening old photographs from the cupboard, enjoying it with family took most of the time.

Reading the books which I always wanted also, not to forget the tv shows and movies always suggested by friends this is the time. Watching news everyday keeps us updated, at the same time it hurts seeing people suffer!

Although nothing can beat meeting our friends everyday, can't wait for this to end soon! Also hoping for this pandemic to end soon! To sum up, this is the time which we'll never get again in our lives, making best use of it and staying protected must be the priority

STAY HOME, STAY SAFE FOLKS!

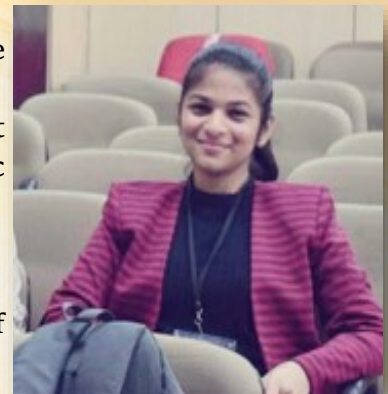
- Vaishak, 4th Semester EEE

It's quarantine due to COVID-19. All of us are cocooned in our homes and are low-key stressing over this pandemic. Most of you are already bored with this quarantine life. It's pretty normal. We, adults or young adults, are pretty much accustomed to a busy schedule and social gatherings. So it's quite normal to get bored these days. But, that's not the case with me. I love this phase as I get to enjoy solitude. I saw this as an opportunity to discover myself and hence decided to not waste a single second of this valuable time that I'm blessed with. I saw this as an opportunity to nurture all those dead hobbies that I've got. I had a very stressful and busy life. I hardly found time to practice my hobbies such as writing, reading, etc. But now, I got ample amount of time to write and read. I decided to restart blogging and I created an Instagram page too. I started food blogging too. I had been to a couple of restaurants back then and hence decided to post about it. I started reading books(2 at a time). I even registered to a few courses on Coursera and udemy to develop a few skills. I started meditating too XD.

Here are a few things that you could do during quarantine:

- 1) Stop fidgeting about it. Rather, see it as an opportunity to explore yourself
- 2)Unleash the creativity inside you. Start vlogs or start a blog. Start writing articles or poems. You can write about how this pandemic has affected your life.
- 3)Start reading. Read, Read and Read.
- 4) Develop a new hobby.
- 5)Improve your profile or CV by taking online courses. Instead of Netflix and chill, adapt Coursera and chill XD.
- 6) You can even apply for the educator post on Unacademy and start teaching your favourite subjects.

These are the few things that you can do during this quarantine. Do not waste a single second. Remember, time is expensive. Utilize it appropriately as it's price will never drop again XD.



- Pranjala, 8th Semester ECE



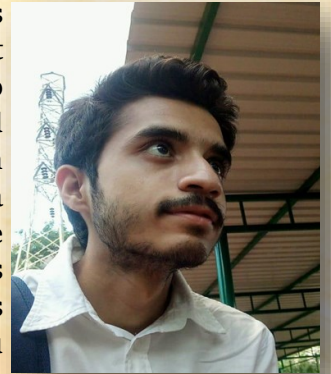
We're in the middle of a crisis which we didn't even see coming and that it has hit us, the only way to save us and the world alike is staying indoors. Although, it sounded interesting to save the world by staying in home, after few days I realised it is not an easy task to lie down and do nothing. That's when I thought I can extend the idea of food blogging (which I'm doing for the past one year) and give it a homely touch. So my involvement in the food blog, Food and Bengaluru, is really helping me fight back the boredom. What if I can't go outside and explore, I started learning cooking and I have posting the same in my blog, easy dishes to cook at home and recipes. I am getting very good response. So this lockdown is bringing the chef in me and explore the tastes of home made foods.

But then, I have also opened myself to new adventure. This lockdown period is helping me to concentrate on my skills and develop them. And one curious thing! My bucket list always had regular Yoga session which I had pushed further away due to various reasons. But now, I'm glad to have started practising Yoga regularly.

In the end, all I can tell you is, do not let a virus take away your enthusiasm. Find a habit, do it regularly and see yourself striving at the path of discipline and growth. Stay safe.

- Kruthi Hegde, 8th Semester, CSE

Painting and Sketching have always been my top two go to activities whenever I get spare time to spend apart from all the digital entertainment that we all get, and yes, the lockdown gave me more than enough time to indulge in all these activities. These activities kept my mind occupied and away from boredom. Mixing various colours and watching them transform into a whole new vibrant colour has always fascinated me and is also a major reason why I started to develop a passion for this joyous task. The feeling that you get after you stroke the paintbrush for the finishing touches and see your painting in various angles to double check if all the detailing is correct and finally hold you it in your hand and just be in awe that you actually produced something amazing from a blank white background is just indescribable.



Drawing and painting my favourite characters not only helped me pass the time but also gave me immense joy as always. All this time did help me to explore the artistic side of me and gave me a good break from the academics as well. I also learnt a few new shading techniques and a few hacks as well. However, it is quite disappointing to see the violation of the lockdown rules and I do believe that it is essential for people all around the nation to maintain social distancing and stay indoors during this pandemic. So, let us all do our part & hope the whole world recovers soon.

- R Vishwas, 6th Semester, ISE



Time is a myth and I have definitely lost track of how long it has been since holidays started. Initially, I made plans of learning up the things in my syllabus and beyond and making full use of my potential. After a while, about 17 minutes precisely, I started binge-watching a show. That was the end of my productivity for a long time. Until I spoke to some friends, when reality hit me like a brick in full speed.

I tried to pull my socks up and impulsively started a blog. Sketches were sketched and a keyboard was played. I spoke to long lost friends. I cleaned the house and then cleaned it some more. I sang to my heart's content because now even if the neighbors want to move away, they cannot. I made a workout schedule that was not followed through, ever. I would've tried my hand at cooking fancy food but past experiences have taught me not to. Overall, I think I did a fair bit of work. So far, I'd say it's all going good.

- Varsha S Bhat, 4th Semester, ECE

As our Country is under total lockdown all our classes are cancelled. In earlier days of our Quarantine, I took it as a break, but later it turned out to be boring yet inevitable.

I tried to involve myself with my hobbies, but that didn't seem to help. I felt this as a waste of time, but the "Team Katalyst" took this as an opportunity to conduct their online classes. Yes, they are making this vacation worthwhile for us!



I'm sure not every one in the campus are aware of Katalyst. Katalyst is an NGO which is supporting the technical education of girls from humble background. Not just this but there are various benefits we Katalyst Students avail. There are 83 girls from all the branches and all the semesters in UVCE who

are utilizing these classes.

Last week we had classes only on Saturdays and Sundays, but now they are taking classes on the Weekdays too! Since the Lockdown, Katalyst has been arranging Online Classes for its students. Various Soft Skill Sessions have been conducted like Champion English, Email Etiquettes, Communication with opposite gender and cross cultural communication, Globewise General Knowledge, Decoding Emotional Intelligence, Competencies for Professional Leadership, etc.

Apart from the classes, we are even having online Mentor and Mentee sessions where we interact with our mentors on video calls and report them about our learning in that particular week. As their tagline goes Katalyst is indeed bringing 'Winds of Change' in this Quarantine too.

- Vinutha K, 2nd Semester, EEE

The day the 21 days lockdown was announce, everything and everyone went into a frenzy. Panic, fear and uncertainty – that was all in everyone's mind (including mine). But once it settled in, I realised it was a much-needed break forced upon everyone who were otherwise too busy to even think about one.

Now with nothing to do, everyone started to develop or cultivate new hobbies, keeping busy being the motive. I thought why not go back to the hobbies I had no time for earlier. So going back to my colours and sketch book, I realised it was difficult to get back my creativity after a long time of inactivity, so from the help of google, I finally found something. It was just doodling lines but needed a lot of patience. During these times, where everywhere you see, be it social media or news, it's just about COVID-19, it's rising cases and fatalities bringing a lot of negativity.



The drawing surely made my mind calm. It made me realise that we can find some good in these difficult times too, something to take the edge off. Something that not only keeps us busy but also gives us inner peace and joy, something to go back to when you are not in a good mental place.

This lockdown is imposed just to be cautious and be precautionary and not cause panic or feel depressed. So it's always good to find anything that takes your mind off it-something positive, be it cooking, reading, gardening or just going through old albums-connecting with your family. It is very important to have good mental health to have good physical strength. We need to STAY HOME but not keep our mind encaged. Let it wander to the far off places, and maybe you could find an idea or a thought that could just change your world.

- Niyati B Mehta, 6th Semester, CSE

QUITE A QUARANTINE!

The current situation has been difficult for all of us for the fact that it has set us out of our normal busy lives. We have a lot to cope with the fear around but what we can do best is to keep ourselves occupied and invest your energy in doing productive activities. We must stay home, stay safe and stay active!

Here are some interesting ways that we can do to keep us on our toes and our minds occupied:

1 Staying indoors for this prolonged period, its important to stay healthy and specially fit. Doing some indoor activities like yoga pranayama and Sudarshana Kriya is very useful, convenient and also very good for our mental health.

2 Locked inside the house, another way to stay active is use the stairs in the house and walking within your balcony or house as much as possible

3 To help prevent the spread of virus and keep ourselves safe, we must try to work from home. Being a professor, I have bought all college work home like correcting papers, thesis notes preparation, thesis evaluation and similar work. We, faculty have also decided to not let our UVCE students lag behind with the course and hence moved over to use online facilities for teaching. Creating presentations and material at home, we have the started using video platforms like zoom to conduct online classes for students and even for staff meetings.

4 Utilizing this time for honing our skills is very important. We always yearn to learn so much but fall back because of the time crunch. Therefore to use this time we can start updating ourselves on latest trends, watch videos on subjects or other interesting topics as plenty of material are available online.

5 Build a habit to start reading good novels. It could be either hard bound books or online copies on your kindle or phone.

6 Watching some good movies, we have so many films based on a myriad of genres. This will help you pass your time in a blink.

7 The last but most important point is to spend time with family members which we otherwise find least time for in our ever busy lives.

- Dr P Deepa Shenoy, Dean of Engineering, UVCE, Bangalore University



TEAM: Akshatha (8th sem) Hamsa, Niranjan, Sanjana (6th Sem), Harsha S, Chitra S Reddy, Meghashree G, Satish A G & SriHarsha D V (VisionUVCE Team)