

**10** YEARS **OF UNIVERSITY  
RECOGNITION**  
**20** YEARS OF  
ACADEMIC  
EXCELLENCE



**REVA**  
**UNIVERSITY**  
Bengaluru, India

# ABHIVRIDDHI



## About REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2013 in Bengaluru, the IT capital of India. REVA University is recognised by the University Grants Commission (UGC) and is approved by the AICTE (All India Council for Technical Education) and is accredited by NAAC. As per the QS Asian University Rankings 2023, REVA is ranked 6th among State Private Universities in Karnataka and 47th in India.

REVA University prides itself in contributing to every student's holistic development. The University currently offers 41 full-time Under Graduate Programmes, 32 full-time Post Graduate programmes, 18 PhD programmes, and certification and diploma programmes. The University offers programmes under the faculty of Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts & Indic Studies. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed based on methodical analysis and research with an emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

The University is spread over 45 acres of land and has a sprawling green campus. In less than a decade, REVA University, Bengaluru, has established itself as a leader in the field of education by earning recognition as a forward-thinking institution across all disciplines. With state-of-the-art infrastructure, the University has created a vibrant academic environment conducive to higher learning and research. This includes 200 smart classrooms that support blended learning, real-industry-like labs that foster on-the-job learning in students, a tech-enabled library with over 1 lakh collection of books, and most importantly, modern pedagogy. In addition to this, the physical infrastructure includes outdoor classrooms, sports grounds, a professional gym, open study parks for peer learning, and a food court that has been countered by popular food chains. REVA currently has numerous students on campus that come from all around the country. The campus has exclusive Halls of Residence which provides comfortable accommodation for boys and girls, apart from catering to the needs of all cuisine and ensuring adequate amenities are provided to make their stay an extended home.

The programs offered by REVA University are well planned and defined after a detailed study of the industrial need, social relevance, and global job markets. Highly qualified and experienced faculty and scholars from reputed universities /institutions, and experts from industries and business sectors have contributed to preparing schemes of instruction and curricula for these programs. The Choice-Based Credit System and Continuous Assessment Grading Pattern (CBCS – CAGP) of education are in place in all the programmes to facilitate students to opt for the subjects of their choice in addition to the core subject of study. The system also allows moving forward under the fast track for those who have the capabilities to surpass others.

REVA University has initiated many supportive measures such as bridge courses, special coaching, remedial classes, etc., for slow learners to give them needed input and build in them confidence and courage to move forward and accomplish success in their careers. The Training & Placement Cell sets specific goals so that the students are equipped and become the preferred choice for major companies and industries.



REVA University has a Career Development Centre that assists students in choosing the right career path through interest mapping and training for experts and imbibing skills so that they are well-equipped during the transition from campus to corporate. With the aim of creating mutual value in the educational ecosystem, REVA has a University Industry Interaction Centre (UIIC) that acts as the strategic centre to promote collaboration among academicians, scientists, and industrialists, thereby broadening the scope of innovation and entrepreneurship ecosystem.

REVA also has added a social dimension to its corporate initiatives. REVA has now moved on to become a Social Impact University and has aligned with the United Nations Sustainable Development Goals by developing projects like Jagruti, Abhivridhi, Vanamahotsava, Education on Wheels, Panchavaktram, Abhivyakti, Nyaya Darshana, Samavesha, Pragna among others. Through these projects, REVA makes sure that they are making a difference in the social and economic well-being of the communities through teaching, research, social activities and other programmes.

Since its inception, REVA continues to strive to be the top education destination in India, offering the country's most advanced and futuristic education. With the current trends in mind, REVA moulds students to work in a post-pandemic world and adjust to the new ways of work culture.



# Chancellor's Message



Studies suggest that at the pandemic's one-year mark, 168 million children were impacted as schools remained closed. During these months, 1 in 3 school children had no access to education.

At REVA, we have firmly believed that quality education is the right of every child, whether in government schools or in private schools. Acting upon our beliefs, we wanted to execute works at government schools that needed urgent intervention. To develop and impart quality education, at lower and higher primary schools, we launched Abhivridhhi the movement to uplift the government school children by partnering with the Government of Karnataka. Through Abhivridhhi, REVA aspires to make government schools as model schools with all amenities, infrastructure and teaching support similar to that of private schools.

It is indeed a pride to note that the Abhivridhhi dossier is a testimony to REVA having reached the broader goal of making education accessible to all. By doing this, I am sure we have grown towards becoming a Social Impact University. Look forward to University Social Responsibility (USR) initiatives bridging the gap in education and sensitising students to contribute to society.

I congratulate the team behind this initiative, especially the University Industry Interaction Centre (UIIC) for their efforts in contributing to holistic education.

Wish Abhivridhhi team the best in all future endeavours.

Let's reach better heights in the future.

**Dr. P Shyama Raju**

Chancellor  
REVA University

# Pro Chancellor's Message



I have read somewhere that 'Education is the kindling of the flame, not the filling of a vessel.' When I flip through the pages of this Abhivridhi dossier created by the University Industry Interaction Centre (UIIC), I can't help but think about how REVA has grown to being a Social Impact University. Through Abhivridhi, we are driven to make a difference in the lives of the students of Government Schools in and around Karnataka.

To reach this goal, we have partnered with the Government of Karnataka and adopted 10 community schools under the social welfare initiative Abhivridhi intending to develop the infrastructure at these schools and provide a quality learning environment to students studying in these rural schools. At REVA, we believe quality education is the right of every child, and every child deserves to learn and grow.

To make quality education accessible to all, under Abhivridhi, REVA University envisions developing physical infrastructure like basic hygiene facilities, drinking water facilities, compound walls, and providing learning aid like computers, new books, and other amenities. Through our initiative, more than 1,000+ students will benefit from 'Abhivridhi'.

**Umesh S Raju**  
Pro Chancellor  
REVA University



## About Abhivridhhi

REVA University has partnered with the Government of Karnataka to develop, and impart quality education at lower and higher primary government schools, through its CSR initiative 'Abhivridhhi'. As part of this initiative, REVA has adopted 10 government schools located around Bengaluru North (Yelahanka and Devanahalli constituencies) in the fringes of the city.

The pilot of 'Abhivridhhi' was launched in August 2020 and the core committee members of Abhivridhhi have conducted several in-depth surveys over the last five months to ascertain the requirements, challenges, and other details of the adopted schools.

'Abhivridhhi' is launched with a mission to aid quality education at government schools and aims to overhaul the learning experience at these schools. Currently, around 1000 students are learning in these schools, but due to the closure of schools as a Covid-19 protocol, have remained home during the pandemic.







## Our Vision

To transform this chain of government schools as 'Model Schools'



## Our Mission

- Improve the overall quality of education at these schools by providing requisite upgrades to the infrastructure of the schools
- Impart quality training for students and teachers, and ensure certain services are available for the benefit of students from time-to-time
- Provide training sessions to teachers in both personality development and pedagogy
- Introduce co-curricular activities along with academic inputs in an endeavour to improve the quality of academics, attendance of students, parental satisfaction, and ensure tangible improvement in the academic scores of the students
- Extend IT support by providing computers, projectors, and laptops
- To improve the overall enrollment ratio year-on-year.
- To increase student retention
- To provide holistic education by imparting technology-based education, ethical and moral values
- To work in line with NEP 2020 Education Policy

## Way Forward

REVA University has categorized its developmental activities into three categories – Akshara, Ashraya, and Adarsha - 3A MANTRA– aimed to upgrade the quality of education, civil infrastructure, and the overall education quality and discipline of a student. The CSR initiative will be taken up under different phases, spanned over the next few years.

# Bandi Kodigehalli

## Activities Conducted

SL. No	Particulars
1.	Clean the Campus
2.	Masks and Sanitizer Distribution
3.	FDP on Third Wave Precautionary measures for School Kids
4.	New Year Celebration
5.	Education On Wheels
6.	Cultural Programmes
7.	Computer Awareness Programme

## Government Lower Primary School Bandi Kodigehalli

Date : 4.1.2021  
Activity : 1. Post-Covid Awareness  
: 2. Mask Distribution  
: 3. Drawing and painting

In order to better equip the students to deal with the pandemic, the School of Electrical and Electronics Engineering organised cultural events at Bandikodigehalli Government School. This was accomplished by planning a discussion on the awareness and safety measures to be observed before returning to school. At a formal event that was planned for January 6, 2021, activities were held and awards were distributed to the worthy students.





## Civil Work

### Before Work



### After Work



Sl.No	Particulars	Total Expenditure
1.	Roofing	202300
2.	Flooring	
3	Plastering	
4.	Painting	





## SWACH CAMPUS PROGRAMME



Under the Abhivridhhi Scheme, REVA University's School of Electrical and Electronics Engineering adopted a Government Lower Primary School in Bandikodigehalli Playa, Bengaluru North Taluk.

As a part of ABHIVRIDDDHI, the School of Electrical & Electronics Engineering conducted a 'SWACH CAMPUS' program on 22nd February, 2021. About twenty students, six staff members, teachers and school children took part in the event.

After completing all safety precautions, the campus was cleaned by removing weeds and other debris to guarantee its cleanliness.







This is an initiative of REVA UNIVERSITY to improve the needs of the adopted government school by conducting different programs to promote education at government schools.

The parents and a few other villagers attended the programme. Students, staff, teachers, and children participated with great enthusiasm.

We thank our management for taking a great initiative to promote education at government schools by helping the needy community. We also thank UIIC, REVA UNIVERSITY for guiding us in carrying out the crucial task effectively.





## COVID-19 AWARENESS PROGRAMME

As a part of ABHIVRIDDDHI phase -1, the School of EEE conducted a program based on post COVID-19 awareness to school children, teachers, and parents on 18th December, 2020. About 50 residents participated in the program. Sanitizer, face masks and chocolates were distributed to all participants. Various activities were conducted among all participants to create awareness and precautions to be taken to control the spread of virus. This is an initiative of REVA University to improve the needs of the adopted government school by conducting different programs to promote education at government schools. Parents and a few villagers witnessed the programme.

Parents and children participated with great enthusiasm in the program to promote the control and prevention of COVID-19.  
Some of the snaps took during the event.



### Abhivridddhi - Founders' Day- Details of Activity & Expenditure

School Name	Adopted School	Date	Name of the Activity	Expenditure incurred
Electrical and Electronics Engineering	Bandikodigehalli Palya	(Pre founder day Activity Date)	1. Drawing 2. Dancing 3. Distribution of biscuits	Rs-1000
		06.01.2020	1. Cake cutting 2. Prize distribution 3. Gift distribution	Rs-2850



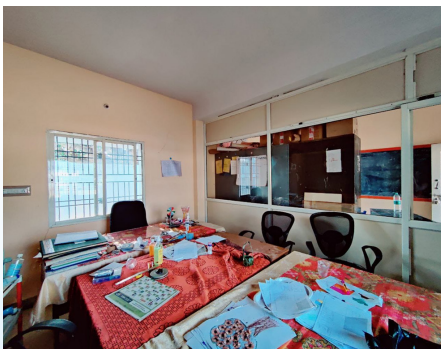
# Batteramarenahalli

## Civil Work

### Before Without Partition of Office Room



### After Partition of Office Room



## Expenditure

SL. No	Particulars	Total Expenditure
1.	Replacement of Window	226000
2.	Partition of Office Room	
3.	Installation of Fans	
4.	Installation of Flag Pole	

## Activities Conducted

SL. No	Particulars
1.	Masks and Sanitizer Distribution
2.	FDP on Third Wave Precautionary measures for School Kids
3.	New Year Celebration
4.	Quiz and Debate
5.	National Science Day
6.	Education On Wheels
7.	Computer Awareness Programme
8.	Math Kit Distribution

## Government Higher Primary School Batteramarenahalli

Date : 4.1.2021 & 6.1.2021

Activities : 1. Quiz  
2. Musical Chair  
3. Memory Game  
4. Painting

The School of Mechanical Engineering visited the adopted Batteramarenahalli Government School and conducted numerous activities for the students to help them get over their fear of going to school while educating them about the safety precautions to be done during the pandemic. The prizes for the activities/cultural programme were given out at a formal event later.





## Distribution of Masks and Sanitizer and Awareness Programme on COVID 19

As part of Abhivridhi, the School of Mechanical Engineering, REVA University, distributed face masks and sanitizer for the students of Government Higher Primary School, Baatramarenhalli, Devanahalli Taluk on 21st December 2020. They also organised awareness programme about COVID 19.

Prof. Madhu B P, Assistant Professor, School of Mechanical Engineering spoke about the importance of health and hygiene and how to create awareness in the public.

Dr. C D Hampali, Professor, School of Mechanical Engineering, spoke about importance of wearing mask and how to maintain social distancing.

Prof. Varadaraj K R and Prof. Vinod, Mr. Nagaraj S, Headmaster and other staff members of Government Higher Primary School, Batramarenahalli were also present.



Dr. C D Hampali, Addressing the students and staff



Mr. Nagaraj, Head Master Addressing the students and staff



Students wearing mask

Mask Distribution





## Education on Wheels (EOW) visit to Batramarenahalli Government School

Education on Wheels (EOW) is the process of facilitating learning, or the acquisition of knowledge, skills, values, morals, beliefs, habits, and personal development. Educational methods include teaching, training, storytelling, discussion and directed research.

The School of Mechanical Engineering has been part of this program by giving training and spreading knowledge on digital literacy level 1 for the students of the Government school of Batramarenahalli. The event was held in association with University Industry Interaction Centre. The students learnt several things in digital platforms and participated in all activities and received certificates from trainers.

Apart from Education on wheels, many events like quiz, drawing competitions were conducted in our adopted Government school at Batramarnahalli village.

The faculty and students of the School of Mechanical Engineering distributed charts, books, drawing instruments and globes required for Government school students for academic purposes.





## Coordinators :

Prof. Arun Kumar H  
Prof. Arun kumar reddy H  
Prof. Vardharaj K R  
Prof. Karthik  
Dr. Suresh  
Prof. Srinivas

## Director

Dr. K S Narayanaswamy

## Pre events related to Founder's Day

The faculty members, staff, NSS and NCC students from the School of Mechanical Engineering, REVA University conducted various competition on the occasion of Founder's day for the students of Government Higher Primary School, Batramarenhalli, Devanahalli Taluk on 4th January, 2021. The following activities were conducted for the students of Government Higher Primary School, Bhatramarenhalli, Devanahalli Taluk on 4th December 2020.

1. Painting competition
2. Memory call
3. Musical Chair
4. Quiz

The students from 5th to 8th standard participated actively and won prizes.





### Coordinators:

Prof. Madhu B P  
Prof. Arun Kumar H  
Dr. Vijee Kumar  
Prof. Manjunath G  
Prof. Vinod R

### Celebration of Founder's Day at Adopted School

The faculty members, staff, NSS and students from the School of Mechanical Engineering, REVA University, celebrated Founder's day at Government Higher Primary School, Batramarenhalli, Devanahalli Taluk on 6th January, 2021.

The programme started with a motivational talk by the School Director Dr. K S Narayanaswamy, Director and Mr. Nagaraj, Head Master Government Higher Primary School, Batramarenhalli.

The senior Mechanical Engineering faculty members awarded prizes to the winners of the event and students cut cakes. Around 25 students, 5 staff members, and 8 professors from the school of Mechanical Engineering were present.





Coordinators:

Prof. Madhu B P  
Prof. Arun Kumar H  
Dr. Vijee Kumar  
Prof. Manjunath G  
Prof. Vinod R

### **Awareness Programme on Energy Conservation**

The Abhivridhhi team along with the NSS unit of the School of Mechanical Engineering, REVA University in association with Karnataka Renewable Energy Development Limited (KREDL) organised an awareness programme on energy conservation at Government School, Batramarnahalli, Bengaluru North District.

As part of this, they organized quiz and debate competitions for the students. The inauguration programme was presided by Mr Nagraj, Head Master of the school. The students participated in the drive enthusiastically and enriched their knowledge. They also took an oath to save valuable energy.





## Coordinators:

Prof. Arun kumar H  
Prof. Ashwini M V  
Prof. Hanumantharaya

## Team building and Motivational Talk

For the students of Government Higher Primary School, Batramarenhalli, Devanahalli Taluk, the School of Mechanical Engineering, REVA University, organised a session on "Team building and motivational lecture" on February 24, 2021, from 11 to 12:30 pm. This was done as part of the Abhivridhhi Scheme.

Prof. Arun Kumar H, Assistant Professor, School of Mechanical Engineering, organised motivating talks about various figures, including Sir M. Visvesaraya and Swamy Vivekananda, and conducted other team-building exercises.

Students' performance is directly impacted by how they are feeling. Students who are cheerful study more effectively. As teachers, we have a significant impact on the growth and welfare of our students. Through the programme, the students learnt team building activities and trust games for the classroom. They also taught how students have to organise themselves in a way they can fit a classroom space that's rapidly shrinking.





# Huttanahalli

## Civil Work

### Before Renovation Work



### After Renovation Work



## Expenditure

SL. No	Particulars	Total Expenditure
1.	Roofing	304450
2.	Flooring	
3.	Plastering	
4.	Painting	
5.	Door Replacement	
6.	Painting of Doors and Windows	

## Activities Conducted

SL. No	Particulars
1.	Masks and Sanitizer Distribution
2.	FDP on Third Wave Precautionary measures for School Kids
3.	New Year Celebration
4.	Education On Wheels
5.	Computer Awareness Programme
6.	Health Camp
7.	Children's Day Celebration

## Government School Huttanahalli

Date : 31.12.2020 & 06.01.2021  
Activity : 1. Post Covid Awareness  
2. Quiz Competition  
3. Singing  
4. Dance Competition

The School of Applied Sciences organised cultural activities at Huttanahalli Government School with the aim of preparing the students to deal with the pandemic. This goal was achieved by a talk on the awareness and precautions to be taken while joining back to school. At a formal event, activities were held for the students, and prizes were awarded to the deserving ones.





### **Distribution of Masks and Sanitiser and Awareness Programme and cultural activities**

The faculty members from the School of Applied sciences, REVA University, organised awareness program on COVID-19, distributed face masks and sanitiser and conducted activities for the students at Government Primary School, Huttanahalli, on 31st December 2020.

Dr. Uday kumar K N and Dr. Madhusudhan Reddy (Asst. Director, Chemistry) introduced REVA University and briefed about Abhivridddhi activities. Dr. Guruprasad spoke about importance of health and hygiene, wearing mask, and maintaining social distancing. Dr. Jayadev Pattar and Prof. Sreekanth R, distributed masks and sanitiser to the teachers and students. Dr. Sunitha D V (Asst. Director, Physics), Dr. Brinda Halambi and Dr. Salma A. conducted activities like singing, dance and quiz competition for the students.

Dr. Harish Babu (Asst. Director Mathematics) distributed mementos to the faculty. The headmaster and other staff members of Government Primary School, Huttanahalli were also present.



Students of the school





Introducing  
REVA University and  
Abhivridhi activities



Singing and Dance by school students



Distribution of biscuits



Conduction of quiz

Distribution of  
memento





## Coordinators:

Dr. Uday Kumar K N  
Dr. Jayadev Pattar  
Prof. Sreekanth R

## Abhivridhhi Health Camp

As a part of Abhivridhhi, the School of Applied Sciences conducted a health camp on 17th March 2021. Dr. Jayashree, Prof. Pooja, Prof. Deepa, Dr. Srinivas, Dr. Uday Kumar, and BMLT students participated in this activity. Dr. Lavanya, a dentist, and Dr. Arun, a general physician, also participated. Prof. Deepa, gave talk on the importance of hygienic and nutrient food. She interacted with students about COVID-19 awareness and gave tips to maintain good health. All students were given a general physical examination by Dr. Arun, and all students also had dental examinations by Dr. Lavanya, with results published in detail. Dr. Jayashree and Dr. Uday Kumar coordinated these activities.





## National Science Day 2021

On the occasion of National Science Day 2021, the Department of Physics, School of Applied Sciences organised Abhivridhi activity in Govt. Primary School, Huttanahalli, Bengaluru on 2nd March 2021. The aim of this activity was to bringing enthusiasm and motivation to the school students about science through physics demo experiments.

The fourth-semester M.Sc Physics students actively participated in and made contributions to the science day events. Prof. Shilpa B.R., Deputy Director, School of Applied Sciences, gave a speech to kick off science day about the great Sir C. V. Raman. Students from the M.Sc. in Physics presented 12 working models of physics experiments to school children. The experiments awed the entire school, and the conceptual discussions with our children were fruitful. Our students received assistance from Mr. Sachin Kulkarni and Mrs. Jaya Choudhary, two departmental PhD students, in organising and presenting their experiments in class.

Dr. Mahipal Ranot and Dr. Jayadev Pattar, associate professors in the Physics Department, were in charge of organising all the activities. Professors from the Chemistry Department Dr. Madhusudhan Reddy and Dr. Srinivas M were also present. Dr. Jayadev Pattar and Dr. Udaya Kumar K.N. coordinated the entire programme. The headmaster of the Government Primary School, Huttanahalli and other staff members also attended this session.





## Children's day celebration-2022

The School of Applied sciences, REVA University, celebrated Children's Day at Government Primary School, Huttanahalli. On this occasion, the students of Mathematics Department conducted various activities like competitions, games, and songs. Prizes were distributed to the winners. Gifts were given to all students. Cakes and puffs were distributed to the students.

Dr. Udaya Kumara K N (Professor, Mathematics), Dr. Vishu Kumar M (HoD, Mathematics), Dr. Hanumagowda B N (Professor, Mathematics) and Dr. Praveena Kumara K M (Associate Professor, Mathematics) took part in the activity.

The headmaster and other staff members of Government Primary School, Huttanahalli were also present for this celebration.









## Coordinators:

Dr. Uday Kumar K N

Dr. Jayadev Pattar

Dr. Guruprasad

## Community Health Camp

The School of Allied Health Sciences, REVA University in association with RAY Foundation conducted a free Health Camp at Government Primary School Hutanaahalli, Bangalore. The camp had about 40 students and 50 adults in attendance. Random blood sugar testing was done on adults, and blood grouping analysis was done for all age categories. With the assistance of BMLT students and professionals from the School of Allied Health Sciences, blood samples were collected. The Biochemistry Automated Analyzer at REVA Diagnostics was used to screen the samples. The B.Sc. Nutrition & Dietetics students enlightened the school children on the topic "Food & Hygiene". Dr. Kruthika offered general advice to the public.





# Jalige

## Civil Work

### Before Renovation Work



### After Renovation Work





## Expenditure

SL. No	Particulars	Total Expenditure
1.	Construction of Classroom	3,42,720/-
2.	Painting	
3.	Plantation	

## Activities Conducted

SL. No	Particulars
1.	Drawing Competitions
2.	Back To School Celebration
3.	Masks and Sanitizer Distribution
4.	Street Play, Classical Music, Design Activity
5.	FDP on Third Wave Precautionary measures for School Kids
6.	Clay Modelling, Yoga Activity
7.	Education on Wheels
8.	New Year Celebrations
9.	Painting Competitions

## Government School Jalige

Date : 4.1.2021  
Activity : 1. Post Covid Awareness  
: 2. Mask Distribution  
: 3. Drawing Competition

In order to reduce the fear caused by the pandemic, the School of Architecture organised and conducted activities and cultural programmes at the Jalige School. This was accomplished by giving a presentation on precautions to be taken during the pandemic while continuing their studies. The students actively participated while keeping appropriate social distancing and wearing the masks that were distributed earlier in the day. At a formal event held at the adopted Government School, prizes were awarded to the winners.











## Hands-on site inspection at Jalige School

The students of 3rd semester Architecture experienced a hands-on site inspection for initial demolition of Jalige school building under the supervision of faculty coordinators on November 17, 2021. For the demolition phase and design process of the upcoming classroom for the school at Jalige, Er. Nagaraj S, Ar. Kokhil, Ar. Shreya, Ar. Divya, and Dr. Anupama RM, Ar. Rajesh Malik provided the guidance and training.

The students received ongoing mentoring on the planned design, building methods, and stages, as well as how the entire project should be carried out. The stakeholders have identified the problem and have pitched in the ideas to use an arch foundation, rat trap bonds and filler slabs.

The key idea was to provide practical experience to students so they could comprehend the job being done in the field. Additionally, the students were able to comprehend the proper methods to dismantle the walls and how to proceed with the next stage of construction.







### **Hands-on site inspection at Jalige School**

The students of 7th Semester B. Arch had the opportunity to experience a hands-on site inspection for the initial demolition of Jalige Government School under the supervision of faculty coordinators on November 10, 2021. Guidance and training were given by Er.Nagaraj.S, Ar.Kokhil, Ar.Shreya, Ar.Divya & Dr.Anupama RM, Ar.Rajesh Malik at various stages.

The students received ongoing mentoring on the planned design, building methods, and stages, as well as how the entire project should be carried out. The stakeholders have identified the problem and have pitched in the ideas to use an arch foundation, rat trap bonds and filler slabs.

The key idea was to provide practical experience to students so they could comprehend the job being done in the field. Additionally, the students were able to comprehend the proper methods to dismantle the walls and how to proceed with the next stage of construction.









## Exposure and field visit for problem identification at Jalige School

REVA University organised an exposure and field visit for problem identification in the Jalige School's existing building and a discussion with the headmaster on October 30, 2021,. The Community Outreach Program Abhivdriddhi included this event. This was held as part of the Community Outreach Programme Abhivdriddhi. Students of 7th semester along with faculty coordinators conducted a field trip to scale the area. They identified the problem and found solution to come up with new design for the Jalige school reconstruction. Faculty coordinators like Er. Nagaraja S, Ar.S. Kokhil, Ar Shreya Mishra, Ar.Divya Hemanthraj, Dr. Anupama R M spoke at the event.





### Hands-on site inspection at Jalige School

The students of 5th semester B. Arch had the opportunity to experience hands on site demolition of Jalige school building under the supervision of faculty coordinators on November 26, 2021. Guidance and training were given by Er.Nagaraj.S and Ar.Divya for the remaining walls to be demolished. This was held as part of the Community outreach programme, Abhivridhi.

In addition, the debris was carried and moved to the new Jalige government school complex for later use. There was zero trash being thrown away. The stakeholders have identified the problem and have pitched in the ideas to use arch foundation, rat trap bonds and filler slabs. The key idea here was to involve the students to have a hands-on experience to understand the work at field. By doing so, the students were able to understand the right techniques to dismantle the walls and how to proceed with the next stage of construction.







### **Hands-on site inspection at Jalige School**

The students of 1st semester B Arch had an opportunity to experience hands-on learning from the site visit for the wall construction of Jalige school building under the supervision of faculty coordinators. The programme was held as part of Community outreach Programme Abhivridhi on December 16, 2021.

Guidance and training were given by Er.Nagaraj.S, Ar.Divya and Ar. Ressy for the design process (Rat trap bond construction for the wall) of the upcoming classroom for the school at Jalige.

The students also received a basic understanding and explanation of brick. They were also given classes on understanding the Rat trap bond for the wall construction, as well as other types of brick bonds such as Header & Stretcher Bonds, English & Flemish Bonds. The key idea here was to involve the students to have a hands-on experience to understand the work at field. By doing so, the students were able to understand the right techniques to dismantle the walls and how to proceed with the next stage of construction.









# School of Architecture

## Report on Study at Jalige Government high school, Devanahalli Taluk SSBC-IV, Fourth Semester

### Faculty coordinator:

Er. Nagaraja S,  
Ar Mahima Jagadeesh

**Course:** Community outreach program Abhivruddhi

**Place of Activity conducted:** GOVERNMENT HIGH SCHOOL JALIGE

**Students:** 4th Semester B.Arch.

**No of Students:** 3

**No of Faculty:** 02

**Date:** 13.1.2022

### Hands-on site inspection at Jalige School

The Students of 4th Semester B.Arch studied and experienced hands-on learning from the site visit for the concreting and filler slab construction of Jalige school building under the supervision of faculty coordinators.

Guidance and training were given by Er.Nagaraj.S and Ar. Mahima Jagadeesh for the concreting and filler slab construction of the upcoming classroom for the school at Jalige. Constant mentorship has been given to the students in the design proposed and construction methods and techniques.

A basic understanding and explanation of the filler slab construction method were delivered to the students by Er. Nagaraja S and Ar Mahima Jagadeesh. In the process of understanding the Filler slab construction method, the technical concept behind the construction were taught by Er.Nagaraj.S on site with the structural perspective. The key idea here was to involve the students to have a hands-on experience to understand the work at field. The students were able to understand the right techniques about filler slab construction and how to proceed with the next stage of construction.









## School of Architecture

### Report on Community Outreach Program at Bengaluru rural area, Devanahalli Taluk.

26/02/2021

**Faculty coordinator:**

Asst. Prof Dr. Anupama R M,  
Asst .Prof. Nagaraja S

**Course:** Community outreach program

**Place of Activity conducted:** Government High School Jalige

**Students:** 1st Semester B.Arch.

**No of Students:** 30

#### **Activity on Basic Video Exercise about Design**

The students of first semester B . Arch took part in an activity on basic video exercise about Design and Visual Arts Studio at Jalige School on February 26, 2021. The activity involved a basic understanding of eight prominent principles of design, namely Balance, Proportion & scale, Rhythm, Emphasis, Harmony, Unity, Variety and Contrast. These topics were illustrated in the form of video presentation and the activity helped students to bond with children in Jalige School.

REVA students demonstrated the skills of videography and making video montages using cell phones. It also helped to identify students who have a knack for learning videography and film making. This exercise also strengthened the mentorship initiative taken up by our first semester students.

As a part of Mathematic learning activity our students guided the kids in making the 3D model of the geometrical shapes such as Triangle, Cube, Rectangle, Cylinder, Pentagon etc.

REVA students were also a part of 'Clean drive program' conducted by the Grama Panchayat to create awareness about cleanliness of the environment and surroundings by performing street play and singing.

A classical music session was also organized for the children as a component of academic learning in an effort to enrich, promote, and elevate our Indian culture.

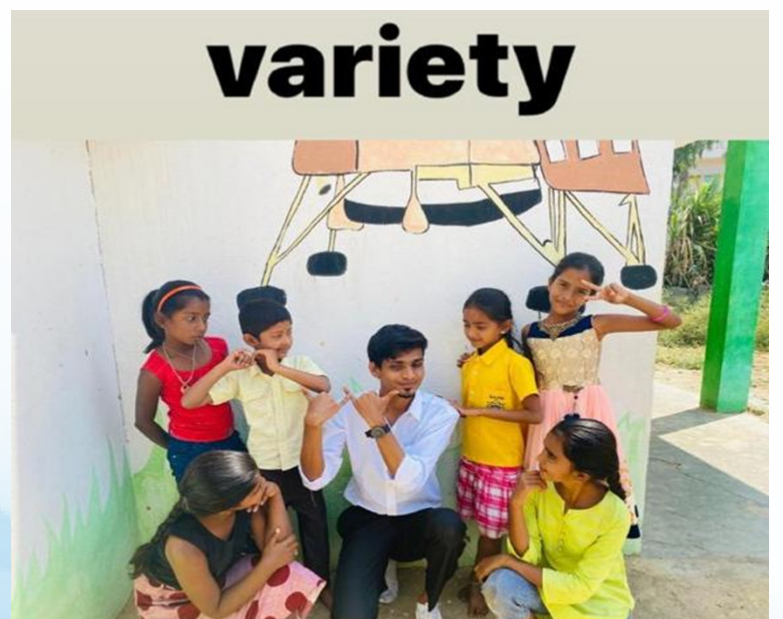
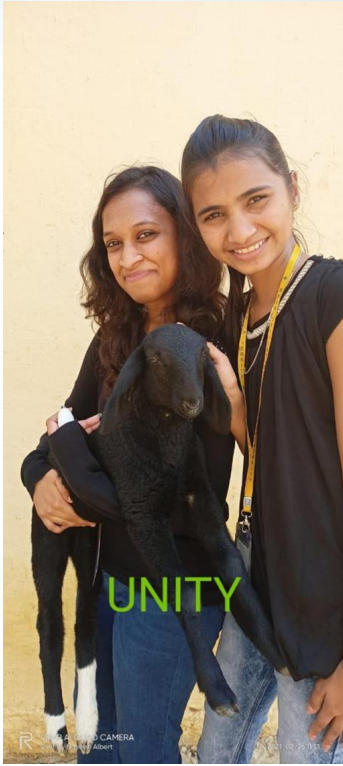
A total of 20 students from 1st to 7th standard were part of this program.

A total of 30 students from 1st semester B.Arch. participated in the community outreach program and they were accompanied by four faculty Dr.Anupama. R M, Er. Nagaraja S, Ar. Divya Hemantha Raj, Ar. Mahima Jadadeesh.











## Clay Modeling and Yoga at Jalige School

As part of Community Outreach programme, Abhivridhi the students of fourth semester B Arch conducted Clay modelling, Yoga for the children of Jalige School on March 29, 2021. As part of Clay Modelling activity, the students gave a lecture on the importance of Natural clay and our students demonstrated the skills of making 3D modeling out of natural clay to make them understand the material. The students enjoyed the making of model and came up with creative models at the end.

As part of Yoga activity, the students explained and gave a lecture on the importance of physical exercise to our body by yoga. Our faculty & students demonstrated yoga postures to all the students and made them do the basics of yoga stretches and Surya Namaskara.

A total of 15 students from 1st to 7th standard were part of this program, while 20 students from 4th semester B.Arch. participated in the community outreach program and they were accompanied by two faculty Dr.Anupama. R M, Er. Nagaraja S.









# School of Architecture

## Report on Community Outreach Program at Bengaluru rural area, Devanahalli Taluk.

2<sup>nd</sup> January 2021

### Faculty coordinator:

Asst .Prof Dr. Anupama RM

Asst .Prof. Nagaraja S

**Course:** Community outreach program

**Place of Activity conducted:** GOVERNMENT HIGH SCHOOL JALIGE

**Students:** 1st Semester B.Arch.

**No of Students:** 18

### Drawing Competition

As part of the Community Outreach Programme Abhivridhi, the first semester B Arch students organised a drawing competition for students of Jalige School on January 2, 2021. The activities included drawing competition, providing awareness about COVID-19, mask and sanitizer distribution, talk on environment, health, cleanliness and management.

Students from 1st standard to 7th standard were part of this competition and instructed to draw & color the drawing sheets with the support of our 1st semester students.

The students experienced the pleasure of teaching and making the exercise interesting for kids. Our students distributed art materials like color pencils, paint box, drawing sheets for all the students. The students enabled them to understand the importance of material and they also benefited with creative thinking and imaginations.

A total of 21 students from 1st to 7th standard were part of this program.

The students were very happy being a part of this program and were having fun with learning. The competition entries will be reviewed and prizes will be awarded to encourage their creativity on Jan 6th 2021.

A total of 18 students from 1st semester B.Arch. participated in the community outreach program and they were accompanied by 3 faculty Dr.Anupama.RM, Er. Nagaraja S, Mahamad Imtyazulla Khan A N.









# Medhavi-Eco Friendly Class Room – Jalige

## **Faculty coordinator:**

Er Nagaraja S, Dr Anupama R M,  
Ar Shreya Mishra,  
Ar Kokhil S,  
Ar Divya Hemantharaj

**Starting of construction:** 11.12.2021

**Inauguration date:** 10.08.2022

**Place:** Govt high school jalige

**Students:** 26

## **About the Event**

Education is the most significant requirement for an individual to grow and progress which provides vision of the future and wings to achieve. Jalige is a village in Devanahalli taluk in Bengaluru rural district of Karnataka which is spread over an area of about 224.71 hectares with about 267 houses.

It is a village where the population of children between the ages of 0-6 years is 143 which makes up 10.99% of total population of the village. The Government High School at Jallige consists of classes from 1st grade to 7th grade with a total strength of about 32 students. The school lacked basic facilities including classrooms. As there were no proper facilities the closed for the students of 5th and 6th standards were held in the corridor of the school.

The School of Architecture, Reva University adopted the Government High school Jallige as part of the adoption drive to help them have a better studying environment. The construction began on December 11, 2021 and was inaugurated on August 10, 2022.

The aim of this project was to provide adequate classrooms and basic facilities for the betterment of the students. Another major focus of the project was to provide hands on experience for the students of School of Architecture using alternative building technology.

## **Demolition**

Students from all the semesters from the School of Architecture were taken to the site for manual demolition of the old building for four days.

We saved the bricks, Mangalore tiles, foundation stones, and other materials in order to reuse them throughout the construction. All of the bricks were reused as well as stone slabs, which were utilised for plinth work and for rat trap bond construction.

## **Arch Foundation**

Arches are good in compression, and in many of the construction projects arch is used as a lintel. In this project, we have used arch as foundation. It reduced the construction cost up to 40%. The advantage of this is that in soft soils depth of the foundation can be greatly reduced. The plinth slab of 4 to 6" which is normally adopted can be avoided and in its place brick on edge can be used for reducing the cost. By adopting this procedure, the cost of plinth foundation can be reduced by about 35 to 50%. It was used as an economical alternative to conventional footings.



## **Walls**

Rat trap bond brick masonry method was used for the construction of wall in this method. Bricks were placed in vertical position instead of conventional horizontal position and thus creating a cavity within the wall. It requires approximately 25% less bricks and 40% less mortar than traditional masonry. Reduced material requirement results in considerable cost saving. It also provided better thermal insulation. Though it is cost-effective strength was not compromised and it remains the same as the traditional wall construction.

## **Filler Slab**

The filler slab is a mechanism to replace the concrete in the tension zone. The filler material, thus, is not a structural part of the slab. By reducing the quantity and weight of material, the roof becomes less expensive, yet retains the strength of the conventional slab. By doing so, we can save up to 20-30% of concrete. Mangalore tiles placed between steel ribs and concrete, are poured into the gap to make a filler slab. The structure requires comparatively less steel and cement and it is also a good heat insulator. The savings on cost can be from 15% to 25%.

## **Spiral Staircase**

The access to the next floor is through a spiral staircase as it is space-saving and also reduces the usage of material. The staircase mould was prepared and installed on site by the students.

## **Jali, Window And Painting**

The exterior wall consists of jalli work for better ventilation.

The window is designed in the shape of a wheel and is made of fibre-reinforced concrete. The mould for the wheel was also prepared by the students and was casted on site. And lastly, for the painting a 36-hour competition was held at the school level. The best out of it was selected and was executed for the interiors of the school and for the exposed brick exteriors. It was finished with terracotta paint to avoid water absorption into the building.

## **Conclusion**

We would like to thank our chancellor sir Dr.P. Shyamaraju for creating an opportunity to work on this project and encouraging us for hands on experience. And also we would like to thank our director Vidya shrikanth for continuous support. We would also like to extend our gratitude to Kiran Kumari Patil and UIIC department for this great opportunity which helped us gain knowledge and to improve our skills.

A big shout out to all the students and faculty who have been a part of this outreach programme. As students it has been an enriching learning experience for all of us.



### School of Architecture

Sl No	SRN	Student name	Sem	Sec
1	R19AR033	KOMMI MOHAN SAI	VII	B
2	R19AR051	ROHITH S	VII	B
3	R19AR053	SAGAR D K	VII	B
4	R20AR055	PANCHAMI CHENGAPPA M	V	B
5	R18AR039	PRERANA S K	IX	B
6	R20AR060	SANJAY REDDY B C	V	B
7	R20AR018	NAMRATHA S	V	A
8	R19AR027	ISHWARJEET ASABE	VII	A
9	R21RA003	ARUN C KESHA	III	A
10	R21RA025	RACHITHA SAHOO	III	A
11	R20AR009	GANESH K BEVINAKATTI	V	A
12	R20AR048	MOHAMMED DANISH M JAKKLI	V	B
13	R19AR031	K.SELVA PRIYA	VII	A
14	R19AR018	DRISHYA P NALLOOR	VII	A
15	R19AR014	CHANDAN BABU Y S	VII	A
16	R19AR026	ISHITA S SUTHAR	VII	A
17	R20AR038	BHARATH KUMAR H	V	B
18	R21RA023	NIDHI S	III	A
19	R21RA033	SAHANA RAJU D	III	A
20	R21RA005	BHAVIKA KUNJETI VENKATA	III	A
21	R19AR020	G R PRAJVALA	VII	A
22	R20AR057	RASHMITHA R	V	B
23	R19AR012	CHAITHRA V	VII	A
24	R19AR007	ARPITA KARANJI	VII	A
25	R19AR002	AEMEN SIZWAN	VII	B
26	R18AR031	BHARATH NAIDU	IX	A
27	R19AR015	DEEPAK CHANNAPPA AVATAGI	VII	A
28	R19AR008	ASHWIN KUMAR A	VII	A











# School of Architecture

## Report on Community Outreach Program at Bengaluru rural area, Devanahalli Taluk. 6th January 2021

### Faculty coordinator:

Asst. Prof Dr. Anupama RM,  
Asst .Prof. Nagaraja S

**Course:** Community outreach program

**Place of Activity conducted:** Government High School Jalige

### Drawing competition

The School of Architecture organised a drawing competition for the students of Jalige on January 2, 2021. On 6th January 2021, Chancellor's birthday celebrations were held in JALIGE school by cutting the cake.

On the occasion of founders' day, prizes were given away for the winners in the drawing competition held on 2nd January 2021. 25 NCC students were accompanied by three faculties Dr.Anupama.RM, Er. Nagaraja S, and Er.Shwetha B for this outreach.





# Kattigenahalli

## Civil Work

### Before Renovation Work



### After Renovation Work





## Expenditure

SL. No	Particulars	Total Expenditure
1.	Roofing	5,00,000/-
2.	Flagpole Installation	

## Activities Conducted

SL. No	Particulars
1.	Race, Drawing and Rangoli Competitions
2.	Back To School Celebration
3.	NSS Activity
4.	Motivational Talk
5.	Cultural Activities
6.	National Energy Conservation Week
7.	Computer Awareness Programme
8.	Back to Golden Days
9.	National Science day
10.	FDP on Third Wave Precautionary measures for School Kids
11.	World Water Day
12.	Independence day Celebration
13.	Swacha Shale
14.	Academics Book Distribution
15.	Education on Wheels

## Government Higher Primary School, Kattigenahalli

Date : 4.1.2021 & 6.1.2021  
 Activity : 1. Post Covid Awareness.  
 : 2. Distribution of Mask.  
 : 3. Drawing and Painting  
 : 4. Dance Competition

In order to reduce the fear caused by the pandemic, the School of Electronics and Communication Engineering organised and conducted activities and cultural programmes at Kattigenahalli Government School. This was accomplished by giving a talk on precautions to be taken during the pandemic while joining back to school. The students actively participated while keeping appropriate social distancing and wearing the masks that were distributed earlier in the day. At a formal event held at the adopted Government School, prizes were awarded to the winners.







## Cancer Prevention Awareness Program

The Abhivridhi and NSS unit team of the School of ECE organised Cancer Prevention Awareness Program for the students and staff of Kattigenahalli Govt. Higher Primary school, on 4th February, 2021 from 1:00 pm to 2:30 pm. About 110 members of the faculty and students attended this event.

Cancer is the second leading cause of death globally. Youth are mostly into practising unhealthy lifestyles. The program focused on providing a healthy lifestyle, immunity, and cancer prevention.

Dr. P. Shyama Raju Chancellor, REVA University; Vice Chancellor Dr. M. Dhanamjaya; Dr. N. Ramesh, Registrar; Dr. R C. Biradar, Director, School of ECE also attended the event.

The coordinators for the event were Prof. Subhash B K and Dr. Ravi Kumar M G and Prof. K Durga Prasad.





# School of Electronics and Communication Engineering

## Government Higher Primary School, Kattigenahalli, Bengaluru

Talk on Importance of English Language For Higher Education And Career Development  
As a part of the Abhivridhi activity, The School of ECE organised a talk on the Importance of English Language For Higher Education And Career Development Program for students of the adopted Government Higher Primary School, Kattigenahalli on 19th March, 2021.

**The M.Tech VLSI students taught the school children about:**

- Basic English Grammar and communication Skill.
- Basic concept in Mathematics.
- Importance of the English in their daily life.
- Moral education and career development.





## **Government Higher Primary School, Kattigenahalli, Bengaluru**

### **Organising Members:**

Dr. Manjunath Kounte, Dr. Nayana D K, Dr. Veena K N, Dr. Prabhat Kumar Panda, Prof. Md Tauseef, Prof, Madan H T, Dr. R Venkata Shiva Reddy, Dr. M Devanthan, Prof. Nirmal Kumar Benni, Prof. Sowmya C H, Prof. Sowmiya B B, Prof. Satyaprakesh B P, Prof. Subhash, Dr. Ravi Kumar M G, Mr. Nandan, Mr. Naveen, Mr. Bharath, Mr. Sunil, Mr. Kumar.

### **Computer Literacy Program**

As a part of Abhivridhi, the School of ECE organised a Computer Literacy Program for students of adopted Government Higher Primary School, Kattigenahalli on 13th March 2021.

The students were brought to the REVA campus by college bus after maintaining the COVID protocols. The students were brought to the computer lab where they were divided into groups (with a maximum of two members) and individually taught by REVA faculty and students about various computer components and how to use them, as well as applications like Paint and MS Word. The Government School students exhibited a lot of interest in computer education, and as a result of the students' enthusiasm, they also were taught to browse internet and use Google Maps.

The organising members were Dr. Manjunath Kounte, Dr. Nayana D K, Dr. Veena K N, Dr. Prabhat Kumar Panda, Prof. Md Tauseef, Prof, Madan H T, Dr. R Venkata Shiva Reddy, Dr. M Devanthan, Prof. Nirmal Kumar Benni, Prof. Sowmya C H, Prof. Sowmiya B B, Prof. Satyaprakesh B P, Prof. Subhash, Dr. Ravi Kumar M G, Mr. Nandan, Mr. Naveen, Mr. Bharath, Mr. Sunil, Mr. Kumar.









# School of Electronics and Communication Engineering

REVA Abhivridhhi

Government Higher Primary School, Kattigenahalli, Bengaluru  
27th March, 2021

## Event Organised Teams:

Dr.Venkateshappa (TL ), Dr. P I Basarkod Dr. Manjula R . B Prof. Manjunath. G Asuti Prof. Prathima A. Prof. Alla Srija and Dr. Ravikumar M G (TL), Dr. Prasad S N, Dr. Rohini Deshpande, Dr. Deepthi. S. Murthy, Prof. Ravi Shankar.

## EVENT: Swaccha Shale

Cleaning drive and talk on Importance of Waste Management

Venue: Govt higher primary school kattigenahalli.

Timing: 10.30 AM to 12.30PM

As part of Abhivridhhi, the School of ECE organised a talk on the Importance of Waste Management and cleaned the plastic from the school Groun. The programme was held at Government Higher Primary School, Kattigenahalli on 27th March 2021.

The discussed topics include Resource recycling methods, hygiene and waste management









## COVID-19 awareness programme and Singing & Dancing Competition

On 4th January, the School of Electronics and Communication Engineering, REVA University organised an awareness programme about COVID-19 for the students of adopted Government Higher Primary School and conducted singing and dance competition for the students.

On 6th January 2021, Founder's Day was celebrated. Dr. R C Biradar, Professor & Director - School of Electronics and Communication Engineering, spoke about the achievements of the Chancellor Dr P Shyama Raju and the purpose of Founder's day celebration. He advised the students to maintain cleanliness and educate others to face the pandemic.

Dr. Sudarshan K M Asst. Director School of Electronics and Communication Engineering addressed the students about the precautions to be taken during the pandemic and also gave them tips on health. He also mentioned the importance of digitalized education in rural sector.

The co-ordinators, faculties, UIIC staff and students of the School of ECE also participated in the Founder's day celebrations and distributed prizes for the winners.





## Mental Health Awareness Programme

As part of Abhivridhi, the School of Arts, Humanities, and Social Sciences and the School of Electronics and Communication Engineering organised mental health awareness programme on October 8, 2021. It was organised as part of World Mental Health Day. The In-Charge Faculty Members were Prof.Raghavendra Prasad Shetty and Dr.Anand Siddiah

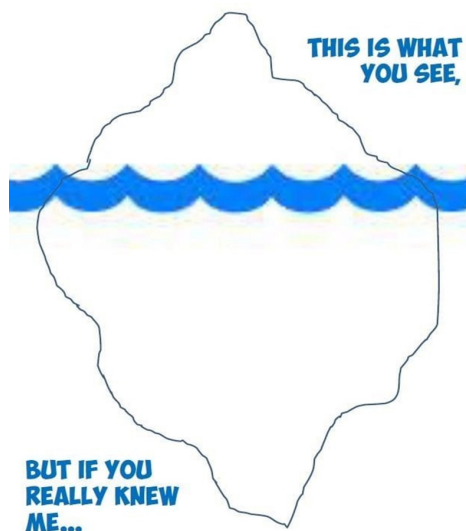
### Following activities were conducted:

- **Practicing Mindfulness:**

1. Square Breath
2. Balancing on One Foot
3. Circle of Compliments
4. Gratitude Practice

- **Introspection Iceberg**

1. Journaling
2. To-dart list:





# Mahadeva Kodigehalli

## Civil Work

### Before Renovation Work



### After Renovation Work





## Expenditure

SL. No	Particulars	Total Expenditure
1.	Sheet Replacement	3,65,408/-
2.	Waterproof screed Concreting work over roof	
3.	Flooring ( Tiles Placement)	

## Activities Conducted

SL. No	Particulars
1.	Masks and Sanitizer Distribution
2.	FDP on Third Wave Precautionary measures for School Kids
3.	New Year Celebration
4.	Education On Wheels
5.	Computer Awareness Programme

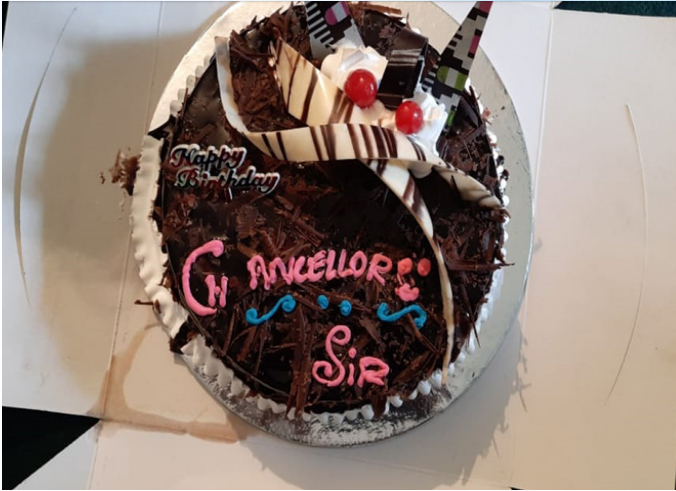
## Government Lower Primary School, Mahadevakodigehalli

Date : 4.1.2021 and 6.1.2021  
 Activity : 1. Post Covid Awareness talk, Mask distribution  
           : 2. Drawing  
           : 3. Singing  
           : 4. Sapling Plantation

The School of Computing & Information Technology and the School of Performing Arts & Indic Studies organised activities and cultural programmes at Government School, Mahadeva Kodigehalli. The students participated in the activities with full vigour and were happy to socialise in campus. Saplings were planted at the Government School to inculcate a love for nature and conserve the environment.







### Computer Literacy Workshop for Teachers

The School of Computing and Information Technology hosted a computer literacy workshop for the teachers of Mahadeva Kodigehalli on February 23, 2021, as a part of Abhivridhi.

The teachers received training in the basics of Microsoft Word and Microsoft Excel, which helps them carry out their tasks more effectively. Demonstrations were planned and their questions were answered during the hands-on session. Professors Lithin Kumble and Ravi Shankar H served as the faculty coordinators.





## Post Covid Awareness camp and Tree Plantation drive

On January 4, 2021, the School of Computing and Information Technology organised a post-COVID awareness camp as part of Abhivridhi. As part of this, a drive for tree planting was also organised. Former Director of C & IT, late Dr. Sunil. S. Manvi Sir, addressed the gathering. Dr. Kiran Kumari Patil, Director of UIIC, gave a motivational speech after that. A drawing contest and a singing competition were held for the students to commemorate Founder's Day in 2021.

Back to School Day was conducted at Mahadev Kodigehalli government school, on January 6, 2021. The winners of the singing and drawing competitions also received prizes on the same day.

Professors Lithin Kumble and Ravi Shankar H served as the faculty coordinators.





# School of Computing and Information Technology

## Government School Adoption

### Government School Mahadeva Kodigehalli

#### Activities Conducted

School	Adopted School	Activities conducted	Date of execution
School of C & IT	Mahadeva Kodigehalli Government School	Post-Covid Awareness	04-01-2021
		Mask Distribution	04-01-2021
		Drawing Competition	04-01-2021
		Singing Competition	04-01-2021
		Plantation	04-01-2021
		Teacher Training Program on MS Office	23-02-2021

#### Activities Planned

School	Adopted School	Activities conducted	Date of execution
School of C & IT	Mahadeva Kodigehalli Government School	Teacher Training on how to use and connect the printer	27-02-2021
		Swachh School Program	27-02-2021
		Talk on National Science Day	27-02-2021
		Training For Students on Communicating in English	13-03-2021
		Awareness program for alumni about school adoption and explore their involvement and contribution	27-03-2021



# Marenahalli

## Civil Work

### Before Renovation Work



### After Renovation Work





## Expenditure

SL. No	Particulars	Total Expenditure
1.	Painting	3,30,000/-
2.	Flooring	

## Activities Conducted

SL. No	Particulars
1.	Sapling Plantation
2.	Masks and Sanitizer Distribution
3.	FDP on Third Wave Precautionary measures for School Kids
4.	Math Kit Distribution
5.	New Year Celebration
6.	Education On Wheels
7.	Cultural Programmes
8.	Energy Conservation Day
9.	World Water Day
10.	A motivational talk
11.	Computer Awareness Programme
12.	National Science Day
13.	Kalakriti

## Government Higher Primary School, Marenahalli

Date : 4.1.2021 & 6.1.2021  
 Activity : 1. Post-Covid Awareness  
           : 2. Distribution of Masks  
           : 3. Sapling Plantation  
           : 4. Drawing and Painting  
           : 5. Rangoli Competition  
           : 6. Race

The School of Civil Engineering organised cultural activities at Marenahalli Government school with the aim of preparing the students to deal with the pandemic. This goal was achieved by a talk on the awareness and precautions to be taken while joining back to school. With the goal of conserving the environment, the School also organised Sapling Plantation Drive at the Government School premises along with other activities. A formal function was organised and prizes were given to the deserving students.





### **Abhivridddhi coordinator:**

Prof. Raghunandan K

### **Faculties accompanied:**

Prof. Ajaybhaskar Reddy

Prof. Sankalpasri S S

Prof. Pushpa Lumina

Prof. Meenakshi Mishra

**Students:** 10 students from I & V Semester, School of Civil Engineering, REVA University

**Event:** National Energy Conservation Week

**Place of Activity conducted:** Government Higher Primary School, Marenahalli



## National Energy Conservation Week

The School of Civil Engineering and the School of Mechanical Engineering in association with Karnataka Renewable Energy Development Ltd. organised a National Energy Conservation Week on 5th February at Government Higher Primary School, Marenahalli.

As part of this, events based on the theme energy conservation such as fireless cooking, drawing and essay writing competition for the students were held. It was followed by Energy Conservation Awareness Rally throughout the Marenahalli village to bring awareness among about the importance of energy conservation. Prizes were also distributed for the winners of the competitions. Ten students were accompanied by five faculties of the School of Civil Engineering for this outreach event.

The coordinators were Prof Raghunandan K, Prof. Ajaybhaskar Reddy, Prof. Sankalpasri S S, Prof. Pushpa Lumina and Prof. Meenakshi Mishra







## Winners of the Competitions

SL. No	Event	Name of the Winners
1.	Fireless Cooking	1st Prize: Rudresh
		2nd Prize: Inchana
		3rd Prize: Pallavi
2.	Drawing	1st Prize: Kannan
		2nd Prize: Vijay
		3rd Prize: Elish Babu
3.	Essay Writing	1st Prize: Varsha
		2nd Prize: Harshith Kumar
		3rd Prize: Bindushree



## Computer Awareness Program

The School of Civil Engineering organised a computer awareness program for the students of the adopted Government School Marenahalli on February 19, 2021. The idea was to explore creativity and imagination and also to understand current technologies. The talk was delivered by Assistant Professor Mrs. Sankalpasri S S.

Since students are future leaders for our nation, it is important to teach students about computers, the internet and its benefits. They were taught about the basics of MS Word, MS Excel among others. Children were happy to be a part of the program.



## School of Civil Engineering

### Back to Golden days

To emphasize the importance of sports in education, the alumni students of the School of Civil Engineering organised an event titled 'Back to Golden Days' on February 25, 2021. The main theme of the event was "Sound Mind in a Sound Body".

For school children, the students planned a variety of recreational activities. They also gave the Govt. School chess, Lagori balls, Gilli Danda, and other sports equipment in an effort to upgrade the school's sporting facilities. The Alumni students engaged in interactions with school children and taught them the value of sports in a student's life. Raghunandan K, Nandini D N, Madhu, and Ajaybhaskar Reddy served as the coordinators.









## School of Civil Engineering

### National Science Day-2021

As part of REVA ABHIVRIDDHI program, the School of Civil Engineering, organised “National Science Day-2021” at Government School, Marenahalli on 1st March, 2021. The theme for the day was ‘Science of today is the technology of tomorrow’. The faculty coordinators were Dr. P Shivananda, Mr. Raveesh J, Mr. Suresh B, Mr. Amaranatha GA, Mr. Sreenatha M, Ms. Nandini D N, Mr. Pradeep Kumar B K, Mrs. Nikitha Moodi.

National Science Day is observed on February 28 each year. This day is devoted to honouring the outstanding discovery of “Raman’s Effect” made by Indian physicist C.V. Raman. The event started with Professor Dr. P. Shivananda introducing Scientist Dr. C.V. Raman, followed by a number of activities. Students took part in quiz and clay model competitions. The judges named Yamuna, Pavan S and Swapna as the competition’s winners.









## Cultural Activities for Children

The School of Civil Engineering organised cultural activities for the students of Government Higher Primary School, Marenahalli on January 29, 2021. The students participated in the event with a lot of enthusiasm and passion. Prizes were awarded to the winners of the competitions. Mrs. Shylaja N, Cultural Coordinator, School of Civil Engineering coordinated the event.

### List of students participated in cultural events:

1. Group Dance: Deeksha, Anusha and Inchara
2. Mimicry: Akash
3. Singing: Pallavi
4. Speech: Harshitha C N and Rudresh





### Motivational Talk for children

As part of Abhivridhi, the faculty of the School of Civil Engineering presented a motivational talk to boost children's confidence on January 25, 2021. Prof Ajaybhaskar Reddy conducted the talk and the main objective of the talk was to build self-confidence. Children were happy to be a part of the program and have they requested to organize a career goal-oriented introduction program in the coming days.





<b>Education on Wheels (EOW)</b>	
<b>Date</b>	<b>08/06/2022</b>
<b>Duration</b>	<b>10:00 AM to 3:30 PM</b>
<b>Venue</b>	<b>Government Higher Primary School, Marenahalli</b>
<b>Coordinator</b>	<b>Mr. Raghunandan K</b>
<b>REVA Student Trainers</b>	<b>Varsha N</b> <b>Shree Varun H R</b> <b>Deepak Kamble</b> <b>Vivek</b> <b>Ritesh</b> <b>Bushi Raj MS</b> <b>Madhushree V</b> <b>Keerthan Reddy</b> <b>Omkar</b>
<b>Participants</b>	<b>Headmaster along with 4 teachers and 80 students from 1st to 8th Standard of Govt. Higher Primary School, Marenahalli</b>
<b>About Event</b>	<ul style="list-style-type: none"> <li>• <b>Education on Wheels (EOW) event was organised on 8/6/2022 at Government Higher Primary School, Marenahalli</b></li> <li>• <b>Mr. Raghunandan K explained the teachers and students of Govt. School about the approach of REVA University towards improving the quality of education for underprivileged children through Education on Wheels. He also enlightened the unique features of Education on Wheels.</b></li> <li>• <b>REVA Student Trainers were given a demo of basics of operating the computer and hands-on training on Notepad</b></li> <li>• <b>Distribution of certificates, pen, pencils and chocolates.</b></li> </ul>
<b>Outcome of the Event</b>	<ul style="list-style-type: none"> <li>• <b>School kids learnt the basics and they realized the importance of computers in their daily life</b></li> </ul>









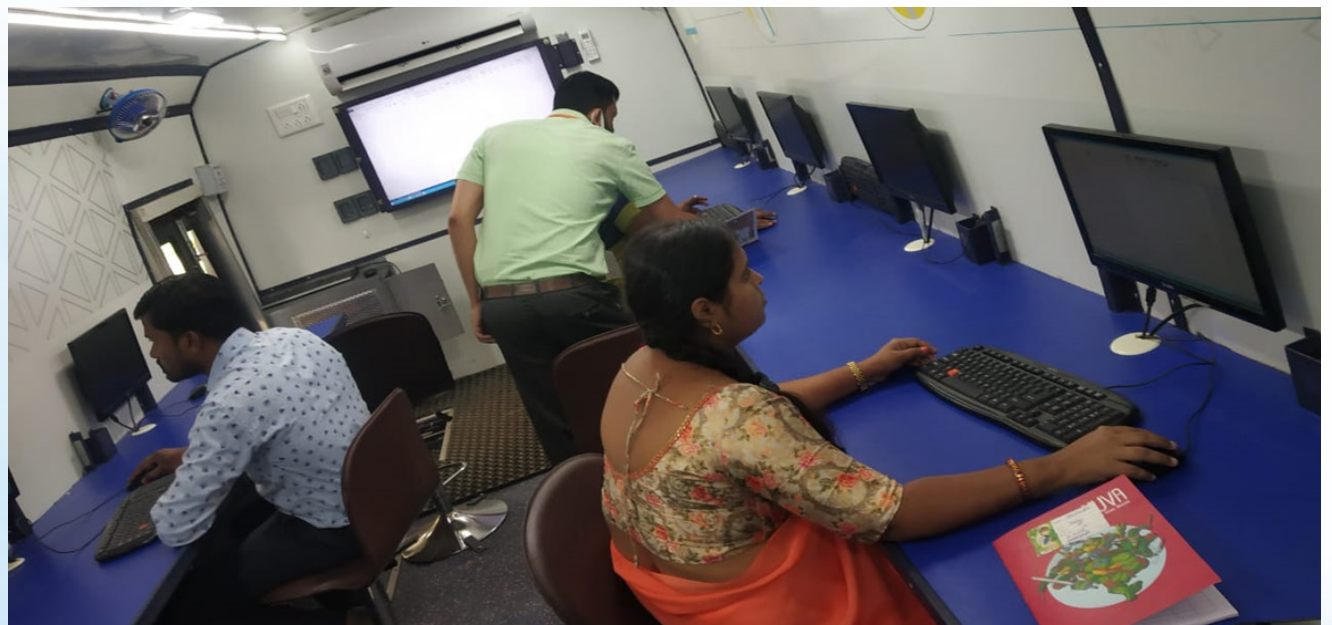


## Education on Wheels (EOW)

<b>Date</b>	<b>15/06/2022</b>
<b>Duration</b>	<b>10:00 AM to 3:30 PM</b>
<b>Venue</b>	<b>Government Higher Primary School, Marenahalli</b>
<b>Coordinator</b>	<b>Mr. Raghunandan K Dr. Mehar Babu Ravula</b>
<b>REVA Student Trainers</b>	<b>Ms. Bharti Hosmani Ms. Pallavi Kulkarni Mr. Pradhyumna S B Mr. Sanjay Akash M Mr. Shivkumar M Tuppad Mr. Vineeth Shivkumar</b>
<b>Participants</b>	<b>Headmaster along with 4 teachers and 84 students from 1st to 8th Standard of Govt. Higher Primary School, Marenahalli</b>
<b>About Event</b>	<ul style="list-style-type: none"> <li>• <b>Education on Wheels (EOW) event was organized on 15/6/2022 at Government Higher Primary School, Marenahalli</b></li> <li>• <b>Session 1: Mr. Raghunandan K and Dr. Mehar Babu Ravula conducted the FDP for GHP School teachers on the Basics of Computer and Standard Operating Procedures of EoW</b></li> <li>• <b>REVA Student trainers trained the school kids on hands-on painting using the computer</b></li> </ul>
<b>Outcome of the Event</b>	<ul style="list-style-type: none"> <li>• <b>School teachers learned how to use Powerpoint</b></li> <li>• <b>School kids learnt the basics of MS Paint</b></li> </ul>



## Session 1: FDP





## Session 2: STP





# Singahalli

## Government Lower Primary School, Singahalli

**Date** : 4.1.2021 & 6.1.2021

**Activity** : 1. Post Covid Awareness and Mask Distribution  
: 2. Essay Writing  
: 3. Tennikoit  
: 4. Shuttle Cock  
: 5. Skipping  
: 6. Drawing  
: 7. Singing

The School of Commerce and Management visited the adopted Government School in Singahalli and organised numerous activities to help the kids get over their anxiety of going to school as well as to inform them about the precautions that should be followed during a pandemic. Prizes were also given out to the activity/cultural programme winners during a formal event.





## Tree Plantation Drive

The NSS, NCC unit of REVA University in association with State NSS Cell, Karnataka and Rotary Club, Kuvempunagar organised a Tree Plantation Drive at Government Higher Primary School, Sonappanahalli on September 23, 2020.

As part of this, they planted around 25 trees namely Tabebuia Rosea, Felicium, Silver, Neem. Around 20 staff and NCC students of REVA University, participated in this event.

Dr. K Mallikharjuna Babu, Vice Chancellor of REVA University, presided over the occasion. Dr. Ganantha Sheety Ekkur, State NSS officer for the Government of Karnataka; Dr. Poornima Jogi, State NSS implementation officer; Dr. Kiran Kumari Patil, director of REVA University's UIIC; Dr. Bharathi S, Director of the School of Legal Studies; Dr. Payel Dutta Chowdhury, Director of the School of Arts & Humanities also attended the event.

The students participated in the drive enthusiastically and helped each other in planting the saplings. The students along with the teachers also took an oath to take care of the planted saplings, plant more trees and encourage others to do the same.

### Highlights of awareness programme:

- Helps students to foster strong mental and social health necessary to connect with their peers, their elders, their community and their environment.
- Importance of trees in purifying the air and maintaining the ecological balance
- Students understood the importance of tree plantation and types of trees which are beneficial to maintain clean environment.
- Students realised the impact of air pollution.







### COVID-19 Awareness Drive and Cultural Events

As part of Community Outreach Initiative, the School of Commerce and Management conducted COVID-19 awareness programme on 4th January, 2021. As part of this, they distributed mask and sanitizers as well as organised a talk on cleanliness and management for all the students of Singahalli. During the day, they conducted drawing competition, singing, essay writing and sports programmes.

They also distributed art materials like color pencils, paint box, drawing sheets for the students. The REVA students helped the children to understand the importance of arts and they also benefited with creative thinking and imaginations. The faculty coordinators were Prof. Chandrasekara TG, Prof. Raghvendra Kumar Singh, Prof. Giresha.T and Prof. Srikanth Reddy. D.









# Sonappanahalli

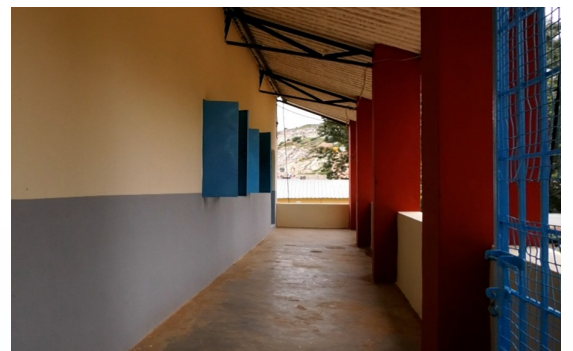
## Civil Work

### Before Renovation Work





## After Renovation Work





## Expenditure

SL. No	Particulars	Total Expenditure
1.	Painting	1,88,814/-
2.	Plastering	

## Activities Conducted

SL. No	Particulars
1.	Sapling Plantation
2.	Masks and Sanitizer Distribution
3.	Essay Writing Competition
4.	Matribhasha Divas
5.	Seminar on Education and Child Rights
6.	FDP on Third Wave Precautionary measures for School Kids
7.	Math Kit Distribution
8.	New Year Celebration
9.	Education On Wheels
10.	Community Health Camp
11.	NCC Training

## Government Higher Primary School, Sonappanahalli

Date : 4.1.2021 and 6.1.2021

Activities : 1. Drawing  
: 2. Dictionary Writing  
: 3. Pick and Speak  
: 4. Essay Writing

The School of Legal Studies and the School of Arts & Humanities organised activities for the students of Government School Sonappanahalli. The children participated enthusiastically and prizes were also distributed to the winners during a formal function.





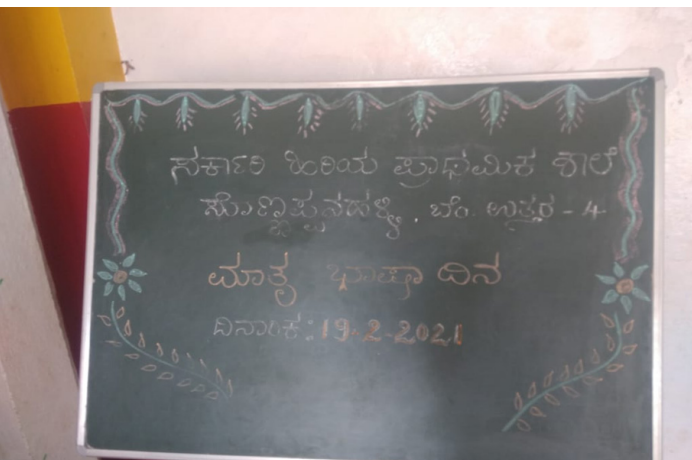
## International Mother Language Day

On the eve of International Mother Language Day, the School of Arts, Humanities and Social Sciences and the School of Legal Studies REVA University celebrated International Mother Language Day (Matrubhasha Diwas) at the adopted Govt. Higher Primary School Sonnappanahalli Bengaluru on 19 February, 2021. The significance of this day is to promote dissemination of the mother language of all and create maximum awareness of linguistic and cultural traditions.

A team of eight members from the University visited the adopted school and created awareness on the importance of mother language. Prof. Lingappa and Dr. Prasanna addressed the students and highlighted the importance of Kannada as a mother language. Dr. Radha delivered a speech on personality development and educated the students through some witty stories. Prof. Ashitha along with Prof. Swati Reddy conducted games, competitions and drawing activities for students. After the event, the team interacted with the students and enlightened them about the humanitarian works which are being done by REVA University. Prof. Rajaneesh Kumar HV the Abhivridddhi coordinator organised the event.







## Programme on Educational & Child Rights

Under the REVA Abhivridhhi programme, the School of Legal Studies in association with the School of Arts, Humanities and Social Sciences conducted a programme on Educational Rights and Child Rights at the adopted Government Higher Primary School, Sonnappanahall on 10th March, 2021.

20 students from the Legal Aid Clinic and a team of 3 faculty members visited the adopted school to raise awareness of children's rights and education issues. Youktha Manjunath began the programme with a wonderful speech about the Declaration of Educational Rights, followed by an invocation song performed by Swathi and her group. Prof. Soujanya delivered the keynote address by highlighting the importance of education and child rights followed by skit conducted by Manu Karthik and his team. It was followed by a speech on child rights by Rannika and a song on educational rights by Swathi & team.







## Community Health Camp

The School of Allied Health Sciences in association with RAY Foundation conducted a free Health Camp at Government Higher Primary School, Sonnapanahalli on June 10, 2022.

The chief guests for the day were BEO Mr. Narayanswamy, CEO Mr. Muthappa, Mrs. Akhila, Health Inspector from Department Of Education , Hunsamaranahlli, Bangalore. Students from the B.Sc. Nutrition & Dietetics programme spoke to the 380 students about food adulteration, health and cleanliness, food and nutrition, etc. The camp benefited about 130 participants, including public and school children. Dr. Kruthika gave the participants a general consultation.

With the assistance of BMLT students from the School of Allied Health Sciences, experts collected blood samples that were then screened at REVA Diagnostics for haematological parameters, random blood sugar, and blood grouping analysis. The team urged the general public to use the REVA Diagnostic Centre's services for further investigation on biochemical parameters, Microbiology, Pathology, and X-ray/Ultrasound screening.



## Education on Wheels

Under the REVA Abhivridhi programme, the School of Legal studies along with the School of Arts, Humanities and Social Sciences organised 'Education on Wheels' programme for the students of Government School Sonnappanahalli on September 21, 2022. As part of the programme, the students of 5, 6, 7 and 8th were given computer training.





## **Mental Health Awareness Camp**

Under the Abhivridhhi programme, the REVA legal Aid Committee organised a mental health awareness camp for the students of Government School, Kattigenahalli and Government School, Sonnappanahalli on October 8, 2021. The goal of the programme was to create mental health awareness among children. The REVA team gave talks through interactive methods to convey the message to school children. The in-charge faculty members were Prof.Raghavendra Prasad Shetty and Dr.Anand Siddiah.

**The following activities were conducted in these two schools:**

- **Practicing Mindfulness:**
  1. Square Breath



**A square breath is a breath that is even on all sides, and it can be useful as a mindfulness exercise for everyone. Here's what to do:**

1. Breathe in, to the count of four.
2. Hold your breath for four seconds.
3. Breathe out to the count of four.
4. Wait for four seconds before taking in your next breath.
5. Balancing on one Foot

**This exercise is for children 3 years and up, and all you need for it is your body! Here's what to do:**

1. Tell students to focus their gaze slightly below eye level.
2. Tell them to stand on one leg and keep their gaze fixed on that focal point.
3. Challenge them to see how long she can stand on one leg like this.
4. Tell them to try the other leg.
5. Challenge them to stay focused while you engage them in conversation, ask them to sing a song, or tell them to close their eyes.
6. Finger breathing:

**Children will trace the gaps between their fingers while inhaling and exhaling.**

#### ■ Circle of Compliments

Students will be made to sit in a circle and a bottle will be spun around. The student on whom the end of the bottle lands on will compliment (what they like the most about the person, unique quality, etc) to the person facing the top of the bottle.

#### ■ Gratitude Practice

Each student will practice gratitude by talking about 3 things they are grateful for today.

#### ■ Problem solving

Students will be requested to share their emotional problems, body image issues etc. anonymously on a Post-It. The other people in the room, will attempt to solve their issues while the volunteers steer the discussion.

#### ■ Introspection Iceberg

This is a two-person activity. Students will be divided in pairs and each of them have to fill out the "this is what you see" section for their partner and then exchange the papers. Then the students will fill out the "but if you really knew me" section for themselves.

#### ■ Journaling

**Students will be taught how to journal.**

- How are you feeling today?
- What are you looking forward to today, this week?
- What is a goal you would like to achieve this week? What actionable steps do you need to do to achieve this goal?
- What is a highlight from your weekend?
- How do you feel/what do you think about ... current event, subject
- Brain dump



**To-dart list:**

Children will throw a piece of chalk onto a prepared chart with 10 questions on it. Whichever number it lands on, the person must respond to the questions or carry out the instructions. Then, volunteers will comment on whether they are correct in handling the emotions correctly and offer suggestions for more effective approaches.

**Awareness Programme on COVID 19**

As part of Abhivridhhi programme, the School of Arts, Humanities and Social Sciences along with the School of Legal Studies of REVA University organized an awareness programme on COVID-19 and distributed face masks and sanitizer for the students of adopted Government Higher Primary School, Sonnappanahalli on 18th December, 2020.

Prof. Ashitha K, from the School of Arts, Humanities and Social Sciences spoke about importance of health and hygiene. She also added that it is important to face challenges in life which teach us greater lessons. She informed the students to maintain cleanliness and educate others about the same. Prof. Devi, School of Legal Studies addressed the students about the precautions to be taken during pandemic and also gave them beneficiary tips on health in English. Prof. Rajaneesh H V, Co-ordinator of the adopted government school, School of Arts, Humanities and Social Sciences and Prof. Ragavendra, School of Legal Studies were present on this occasion. The students were excited to receive colourful masks and sanitizer prepared by REVA University and they expressed their gratitude.



## REVA Founder's Day Government Higher Primary School Sonnappanahalli, Bengaluru

### Founder's Day Celebrations

On account of REVA Founder's day, the School of Arts, Humanities and Social Sciences along with the School of Legal studies visited the adopted Government School, Sonnappanahalli on January 6, 2021. The REVA team was headed by Dr. Chamundeshwari, Assistant Director, School of Arts, Humanities and Social Sciences. The formal function began at 11.30 am with an invocation song. The faculty members of REVA addressed the students and spoke about the visionary leader Dr.P. Shyama Raju. The prizes for the competitions held on January 4, 2021 were distributed to the students. This was followed by cake cutting and birthday songs wishing the honourable Chancellor on his birthday. Dr. Kumar and Prof. Rajaneesh were the coordinators of the event.





# Arebinnamangala

## Civil Work

### Before Renovation Work



### After Renovation Work





## Expenditure

SL. No	Particulars	Total Expenditure
1.	Flooring	1,62,405/-
2.	Plastering	
3.	Painting	

## Activities Conducted

SL. No	Particulars
1.	Masks and Sanitizer Distribution
2.	FDP on Third Wave Precautionary measures for School Kids
3.	New Year Celebrations
4.	Education On Wheels
5.	Computer Awareness Programme

## Government Lower Primary School, Arebinnamangala

Date : 04.01.2021 & 06.01.2021

Activities : 1. Post-Covid Awareness and Mask Distribution  
 : 2. Drawing  
 : 3. Essay Writing  
 : 4. Musical Chair  
 : 5. Lemon and Spoon race  
 : 6. Frog Race  
 : 7. Running Race  
 : 8. Collect Stones  
 : 9. See and Tell

Under the Abhivridhi programme, the School of Computer Science and Application meticulously planned and organised various activities and cultural programmes for the students of Government School Arebinnamangala. The students after induction of precautions to be taken while they resume their studies, also involved in activities with full dynamism and energy.





## COVID-19 Awareness & Cultural Activities

Under the Abhivridhdi programme, the School of Computer Science and Applications, REVA University conducted awareness about COVID-19 and distributed masks and sanitisers for the students of Government School, Arebinnamangala on January 4, 2021. A talk on cleanliness and management was also held. Other events include drawing, 1(one) para lesson writing, musical chair, Lemon & Spoon race, frog running race, running race, Collect Stones(1 minute), See and tell (Picture).

Around 15 students of the Government school participated in the event. The School of Computer Science and Applications distributed art materials like color pencils, paint box, drawing sheets for the students. The competition entries were reviewed and prizes were distributed on Jan 6th, 2021. The faculty coordinators were Prof. Ravi Dandu, Prof. Vijayalaxmi P Chiniwar, and Prof.Bhuvaneswari A P.









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UNIVERSITY

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