

10 YEARS
OF UNIVERSITY
RECOGNITION
20 YEARS OF
ACADEMIC
EXCELLENCE



REVA
UNIVERSITY

Bengaluru, India



Education on Wheels

www.reva.edu.in

RUKMINI EDUCATIONAL
Charitable Trust

Introduction

Education on Wheels (EOW) is an integrated approach towards improving the quality of education for underprivileged children. It seeks to ensure pre-primary and primary education for all children up to the age of 14 leading to their overall development.



Project Methodology:

Before making an intervention following steps will be undertaken:

- ❑ **Need-Based Assessment:** A need-based assessment study will be conducted to collect data on the target group to assess the current learning level, frame a context-based capsule design which can be later used as a reference.
- ❑ **ASER Test:** An ASER test will be conducted to mark the learning levels of the community kids for further categorization into the capsules.
- ❑ **Capacity Building:** In order to run the program efficiently, our team will conduct some capacity-building exercises to train the teachers and the staff.
- ❑ **Capsule Implementation:** The designed capsule will be implemented at three levels with 3 months duration for each.

Special Features of Project:

- **Mobility:** The EOW can be taken to any nook and corner of the community due to its super concise size and mobility.
- **Audio-Visuals:** The LCD TV installed in the EOW Bus appeals to the kids in the community as they are attracted to the idea of television through which they get different experiences and access in their regular lives.
- **Participative curriculum:** The curriculum is designed after considering the learning level of kids in the community, thus, making it easy to understand and relate to.
- **Dialogic:** The audio-video series are meant to be dialogic as it provokes cognitive thinking among the kids which helps them to raise questions and seek answers from their instructor.

Outcome of the project:

1. Increase in literacy numeracy among community kids.
2. Increase in % of community children between the age group 3-12 years enrolled in formal schools.
3. Feedback in the form of an evaluation that proves the information necessary to repeat the programming cycle
4. The EOW's system approach is adaptable to a variety of multiple settings, serving the various need of administrators, instructors, trainers, and corporate users, as well as planners.
5. The Program Planning EOW is a working model that gives program planners and community/economic developers a hands-on tool that provides a systems approach to planning.
6. The EOW bridges the gap between linear and non-linear models. It also makes the transition from theory to practice a successful one.
7. It addresses the contextual realities of organisational expectations, and constituent and societal needs as well as the organizational expectations.

REVA UNIVERSITY LAUNCHES EDUCATION ON WHEELS

November 17, 2021, Bengaluru: Premier educational institution REVA University launches 'Education on Wheels', a student outreach initiative that will provide an immersive learning experience to students of community schools in rural areas.

The University will take modern education to the doorsteps of the students through a mobile lab with a 15-seater facility, equipped with learning infrastructure like a projector, computers, wi-fi connection and SMART TV, among other facilities.

The lab will introduce students to basic and advanced learning in emerging domains like block coding, designing, and other areas. We envision providing comprehensive skills to students through the lab and fostering the holistic development of students.

REVA University believes quality education is the right of every child, and to empower them with modern education, 'Education on Wheels' has been launched. Through this initiative, students will gain free access to digital learning and will be trained in certification programmes.

KEY HIGHLIGHTS OF EDUCATION ON WHEELS

- ❖ A university bus (Model- Ashok Leyland 4900MM Wheel) has been converted into a lab centre
- ❖ The lab is a 15-seater facility equipped with modern facilities like Wi-Fi connection, computer monitors, and projectors, among other modern educational needs
- ❖ 'Education on Wheels' will provide modern education to rural school students
- ❖ As many as 1,000 students of government schools will benefit from this initiative
- ❖ The lab will also have modern facilities like 52 inch SMART TV for video conferencing
- ❖ Fifteen computer monitors, chairs, keyboards, mouse, tables, desks have been set up in the lab
- ❖ The bus will have CCTV cameras for surveillance
- ❖ The lab will not be used for any commercial purposes

- ❖ 'Education on Wheels' facility will be available for students of government schools on weekdays between 9 AM and 6 PM
- ❖ There will be NO FEE to use the lab

UNIQUE FEATURES OF 'EDUCATION ON WHEELS'

- ❖ Education on Wheels is an effort to provide equal opportunity for learners in Class 4-10
- ❖ Our objective is to ensure nobody is deprived of quality education
- ❖ We aim to go to remote and rural areas and provide the students with modern learning material
- ❖ Students of government schools will have access to mobile library through Education on Wheels
- ❖ Students are introduced to and allowed to make use of computer facilities
- ❖ Laboratory experiments can be performed
- ❖ E-content on various areas is developed by the faculty of REVA University and will be handed over to learners in the form of DVDs. All E-Content is also made available on the Google play store
- ❖ The lab has educational materials and that oys will cater to the needs of the learners
- ❖ Content is available in both English and Kannada



Speaking about the initiative, the Chancellor of REVA University, Dr. P. Shyama Raju, said, REVA University has been a forerunner in enabling tech-driven education, and now it is taking digital learning to the doorsteps of students at community schools.

"The Education on Wheels is a one-of-its-kind initiative that will introduce government school students to advanced areas of learning and offer them an interactive, engaging and immersive learning experience. We aim to provide a unique learning exposure to students from all walks of life and this mobile lab facility will enhance the learning experience of the students," Dr Shyama Raju said.

He further stated that the 'Education on Wheels' lab will be stationed at the 10 government schools adopted by REVA University. The lab facility will be available for free to all government school students.

DIGITAL CERTIFICATION COURSES

With the University's strength and expertise, the following 12 courses are ready to launch. The content will be available in English and with infographics in Kannada, the content will be effective and easy to learn.

1. Know your rights: Fundamentals of Law
2. Electronics and Communication for Digital Education
3. Environmental Science
4. Science in Everyday Life
5. Basic English and Grammar
6. Understanding Microsoft Packages with hands-on experiments
7. Art for Young Artists: Colour Theory & Painting
8. Sources of Electrical Energy and their applications
9. Financial Literacy and the Importance of Saving
10. Introduction to Mechanical Designs and their applications
11. Fundamentals of Computers & Digital Literacy
12. Innovation and Entrepreneurship

Software for practical exposure

The software provided for practical learning on various domains is as follows:

1. Microsoft Office Package
2. Adobe Reader
3. Block Coding Software
4. Programming Language Compilers and Interpreters
5. 3D Painting Software
6. Typing Tutor
7. English Grammar Learning Software

Sample Certificate:



Education on Wheels					
SL No	School	Number of students	Duration	Time	School In charge
1	Battera Maranahalli	Total: 114	1 Hour per Batch	10 AM to 3 PM	School of Mechanical Engineering
	1st STD	29			
	2nd STD	17			
	3rd STD	20			
	4th STD	15			
	5th STD	10			
	6th STD	9			
	7th STD	8			
	8th STD	6			

2	Sonnappanahalli	Total: 313	1 Hour per Batch	10 AM to 3 PM	School of Arts & Humanities & School of Legal Studies
	1st STD	36			
	2nd STD	27			
	3rd STD	23			
	4th STD	23			
	5th STD	32			
	6th STD	63			
	7th STD	50			
	8th STD	49			
3	Marenahalli	Total: 108	1 Hour per Batch	10 AM to 3 PM	School of Civil Engineering
	1st STD	11			
	2nd STD	12			
	3rd STD	13			
	4th STD	7			
	5th STD	12			
	6th STD	17			
	7th STD	21			
	8th STD	15			
4	Arebinnamangala	Total: 43	1 Hour per Batch	10 AM to 3 PM	School of Computer Science & Applications
	1st STD	6			
	2nd STD	4			
	3rd STD	5			
	4th STD	8			
	5th STD	3			
5	Jalige	Total: 21	1 Hour per Batch	10 AM to 3 PM	School of Architecture
	1st STD	3			
	2nd STD	3			
	3rd STD	3			
	4th STD	0			
	5th STD	1			
	6th STD	2			
	7th STD	9			
	8th STD	0			

6	Bandi Kodigehalli Palya	Total: 11	1 Hour per Batch	10 AM to 3 PM	School of Electrical and Electronics Engineering
	1st STD	0			
	2nd STD	3			
	3rd STD	3			
	4th STD	1			
	5th STD	3			
	6th STD	1			
7	Huttanahalli	Total: 40	1 Hour per Batch	10 AM to 3 PM	School of Applied Sciences
	1st STD	7			
	2nd STD	7			
	3rd STD	8			
	4th STD	9			
	5th STD	9			
8	Mahadeva Kodigehalli	Total: 20	1 Hour per Batch	10 AM to 3 PM	School of Computing & Information Technology & Performing Arts
	1st STD	1			
	2nd STD	5			
	3rd STD	4			
	4th STD	7			
	5th STD	5			
9	Kattigenahalli	Total: 225	1 Hour per Batch	10 AM to 3 PM	School of Electronics & Communications Engineering
	1st STD	13			
	2nd STD	36			
	3rd STD	32			
	4th STD	36			
	5th STD	41			
	6th STD	36			
	7th STD	31			
	8th STD	0			
10	Singahalli Government School	1	1 Hour	10 AM to 3 PM	School of Commerce & Management Studies & School Applied Sciences

EOW Visit Details:

SL NO	School	Date	Time	Visited Place	Stu- dents Trained	Num- ber of stu- dents	Num- ber of Train- ers	Number of Cer- tificates Issued	Remarks
1	ECE	03-12-2021	11.30 AM to 3.30 PM	Kattegenahalli Adopted School	4th to 8th STD	102	8	100	Completed
2	Legal Studies & Arts and Humanities	22ns & 23rd Dec 2021	9 AM to 3 PM	Sonnappahalli Adopted School	4th to 8th STD	116	5	100	Completed
3	EEE	30-12-2021	10AM to 3.30 PM	Bandikodigehalli Palya Govt School	2nd to 5th STD	15	10	15	Completed
4	Architecture	03-01-2022	10.30 to 12.30 PM	Jalige	1st to 7th STD	31	6	32	Completed
5	Applied Sciences	04-01-2022	11 AM to 3 PM	Huttenuhalli	1st to 5th STD	45	25	45	Post-poned due to Bus Break Down
6	Mechanical	05-01-2022	9 AM to 3 PM	Battera Maranahalli	4th to 8th STD	50	5	50	

Photographs:









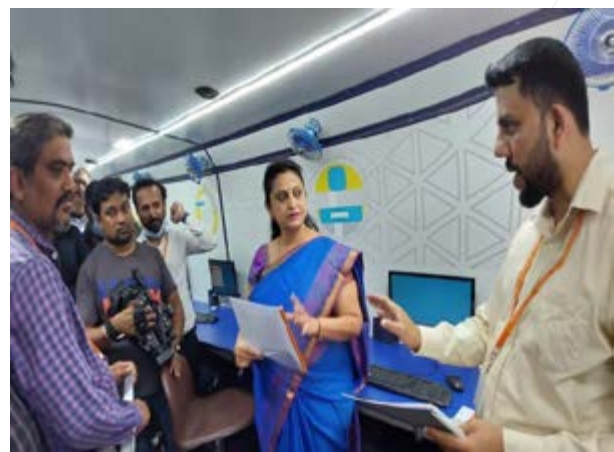
Education on Wheels (EOW)
visit to
Chikkaballapur

Date	30/03/2022 @ 11.30 AM
Venue	DC Office, Chikkaballapur,
Chief Guest	Smt R. Latha, IAS Deputy Commissioner & District Magistrate of Chikkaballapur
REVA Team members	Dr. N Ramesh, Registrar; Mr. Raghunandan K from School of Civil Engineering; Nataraj Urs H D from School of ECE and Aman V C from Branding were part of this event.
Number of Alumni present	03
Number of Media agency present	30
About Event	<ul style="list-style-type: none"> • Education on Wheels (EOW) event was organized on 30/3/2022 at DC Office, Chikkaballapur. • The event was inaugurated by the chief guest Smt R. Latha, IAS. • Dr. N Ramesh, Registrar explained the chief guest 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' • Mr. Raghunandan K gave the demo of digital certification courses • Smt R. Latha addressing to media, talked about the importance of Digital literacy in current world and said that the beneficiaries have to take the advantage of this initiative from REVA University • Dr. N Ramesh addressed to media persons about the REVA University's noble initiatives such as Jagruthi, Adoption of Govt Schools and Vana Mahotsava events and their consequential benefits to the society.

Outcome of the Event

- Smt R. Latha and media persons appreciated the noble initiative taken up by REVA University
- The matter of Education on Wheels event got published in all the local newspapers and streamed across all the news channels

Photographs:





Education on Wheels (EOW)

visit to

Kolar

Date	31/03/2022 @ 10.30 AM
Venue	Hotel Aaradhya Grand, Near Nandini Palace, National Highway, Kolar
Chief Guest	Sri. K. R. Ramesh Kumar MLA, Former Speaker, Karnataka Legislative Assembly, Karnataka
REVA Team members	Dr. N Ramesh, Registrar; Mr. Raghunandan K from School of Civil Engineering; Mr. Vijaykumar from School of Mechanical Engineering; and Aman V C from Branding were part of this event.
Number of Alumni present	05
Number of Media agency present	30
About Event	<ul style="list-style-type: none"> • Education on Wheels (EOW) event was organised on 31/3/2022 at Hotel Aaradhya Grand, Kolar. • The event was inaugurated by the chief guest Sri. K. R. Ramesh Kumar. • Dr N Ramesh, Registrar explained to the chief guest 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' • Mr. Raghunandan K given the demo of digital certification courses • Sri. K. R. Ramesh Kumar addressing to media talked about the importance of Digital literacy in the current world and the beneficiaries have to take advantage of this initiative from REVA University • Dr N Ramesh addressed to media persons about the REVA University's noble initiatives such as Jagruthi, the Adoption of

	Govt Schools and Vana Mahotsava events and their benefits to the society.
Outcome of the Event	<ul style="list-style-type: none">• Sri. K. R. Ramesh Kumar and media persons appreciated the noble initiative taken up by REVA University• The matter of Education on Wheels event got published in all the local newspapers and streamed across all the news channels

Photographs:





Education on Wheels (EOW)

visit to

"Bellary"

Date	06/04/2022 @ 10.30 AM
Venue	Press Club, Bellary
Chief Guest	Smt. M. Rajeshwari Subbarayadu Mayor, Bellary Mahanagara Palike, Bellary
REVA Team members	Dr N Ramesh, Registrar; Mr. Raghunandan K from the School of Civil Engineering; Adithya Poojary From UIIC and Shivasharanappa from Branding were part of this event.
Number of Alumni present	04
Number of Media agency present	30
About Event	<ul style="list-style-type: none"> • Education on Wheels (EOW) event was organized on 6/4/2022 at Press Club, Bellary. • The event was inaugurated by the chief guest Smt M. Rajeshwari Subbarayadu. • Dr N Ramesh, Registrar explained the chief guest 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' • Mr. Raghunandan K was given the demo of digital certification courses • Smt M. Rajeshwari Subbarayadu addressing to media, talked about the importance of Digital literacy in the current world and the beneficiaries have to take advantage of this initiative from REVA University • Dr. N Ramesh addressed to media persons about the REVA University's noble initiatives such as Jagruthi, the Adoption of Govt Schools and Vana Mahotsava events and their benefits to the society.
Outcome of the Event	<ul style="list-style-type: none"> • Smt M. Rajeshwari Subbarayadu and media persons appreciated the noble initiative taken up by REVA University

- The matter of Education on Wheels event got published in all the local newspapers and streamed across all the news channels

Photographs:





Education on Wheels (EOW)

visit to

"Raichur"

Date	07/04/2022 @ 11.30 AM
Venue	Press Club, Raichur
Chief Guest	Shri. Nikhil B, IPS Superintendent of Police, Raichur
REVA Team members	Dr N Ramesh, Registrar, Mr Raghunandan K and Mr Sanjay Raj from the School of Civil Engineering and Shivasharanappa from Branding have been part of this event.
KEB Govt. School, Raichur	Headmaster along with 4 Govt. School students
Number of Alumni present	02
Number of Media agency present	30
About Event	<ul style="list-style-type: none"> • Education on Wheels (EOW) event was organized on 7/7/2022 at Press Club, Raichur. • The event was inaugurated by the chief guest Shri. Nikhil B, IPS. • Dr. N Ramesh, Registrar explained to the chief guest 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' • Mr Raghunandan K gave the demo of digital certification courses to the students of KEB Govt. school and to the chief guest • Shri. Nikhil B addressing to media talked about the importance of Digital literacy in the current world and the beneficiaries have to take advantage of this initiative from REVA University • Dr N Ramesh addressed media persons about REVA University's noble initiatives such as Jagruthi, Adoption of Govt Schools and Vana Mahotsava events and their consequential benefits to the society.
Outcome of the Event	<ul style="list-style-type: none"> • Shri. Nikhil B and media persons appreciated the noble initiative taken up by REVA University

- The matter of Education on Wheels event got published in all the local newspapers and streamed across all the news channels

Photographs:









EOW VEHICLE INDENT FORM

1. **Name of the School:** _____

2. **Name of the Staff, Designation & Contact No. :** _____

3. **Date & time of journey:** _____

4. **Expected date and time of return:** _____

5. **Number of Staff travelling:** _____

6. **Places to be visited:** _____

7. **Approx. Kms from REVA:** _____

(Vehicle indent should be submitted at least 72 hours in advance)

Signature of the Staff

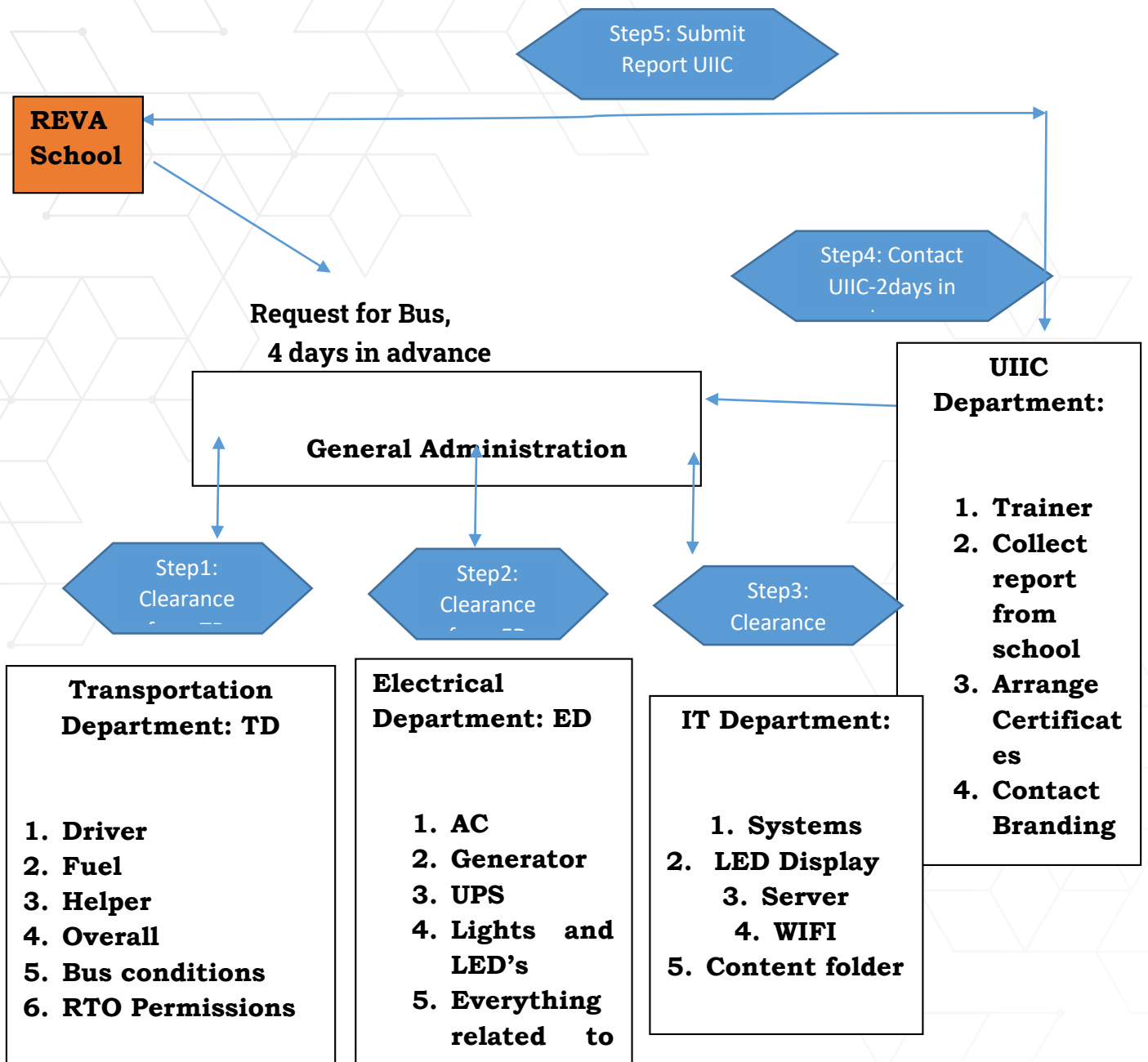
Signature of the School Director

Approved by

Director (Admin) / Registrar / Vice Chancellor

DGM (Admin)

PROCESS FLOW CHART



June Month Calendar

June 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Status
			1	2	3	4	
5	6	7	8 Civil- Marenahalli	9 Legal and AH SS- Sonnapanahalli	10 CSA- Postponed Arebinnamangala	11 Architecture- Postponed Jalige	
12	13	14 Mech Batteranamaranahalli	15 Civil- Marenahalli	16 Legal and AH SS- Sonnapanahalli	17 CSA- Postponed Arebinnamangala	18	
19	20	21 SAS - Postponed Huttanahalli	22 CIT- Postponed Mahadevakodigehalli	23 CIT- Postponed Mahadevakodigehalli	24 CSA- Arebinnamangala	25 ECE- Postponed	
26	27 CIT- Mahadevakodigehal li	28 Mech Batteranamaranahalli	29 EEE- Potponed Bandi kodigenahalli ECE- Postponed Kattengenhalli	30 EEE-Postponed Bandi kodigenahalli			

June Month Reports



Education on Wheels (EOW)

Date	08/06/2022
Duration	10:00 AM to 3:30 PM
Venue	Government Higher Primary School, Marenahalli
Coordinator	Mr. Raghunandan K
REVA Student Trainers	Varsha N Shree Varun H R Deepak Kamble Vivek Ritesh Bushi Raj MS Madhushree V Keerthan Reddy Omkar
Govt. Higher Primary School, Marenahalli	Headmaster along with 4 teachers and 80 students from 1 st to 8 th Standard of Govt. Higher Primary School, Marenahalli
About Event	<ul style="list-style-type: none"> • Education on Wheels (EOW) event was organized on 8/6/2022 at Government Higher Primary School, Marenahalli • Mr. Raghunandan K explained the teachers and kids 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' • REVA Student Trainers gave the demo of basics of operating the computer and hands on training on Notepad • Distribution of certificates, pen, pencils and chocolates.
Outcome of the Event	<ul style="list-style-type: none"> • School kids learnt the basics and they realized the importance of computers in their day today life

Photographs:







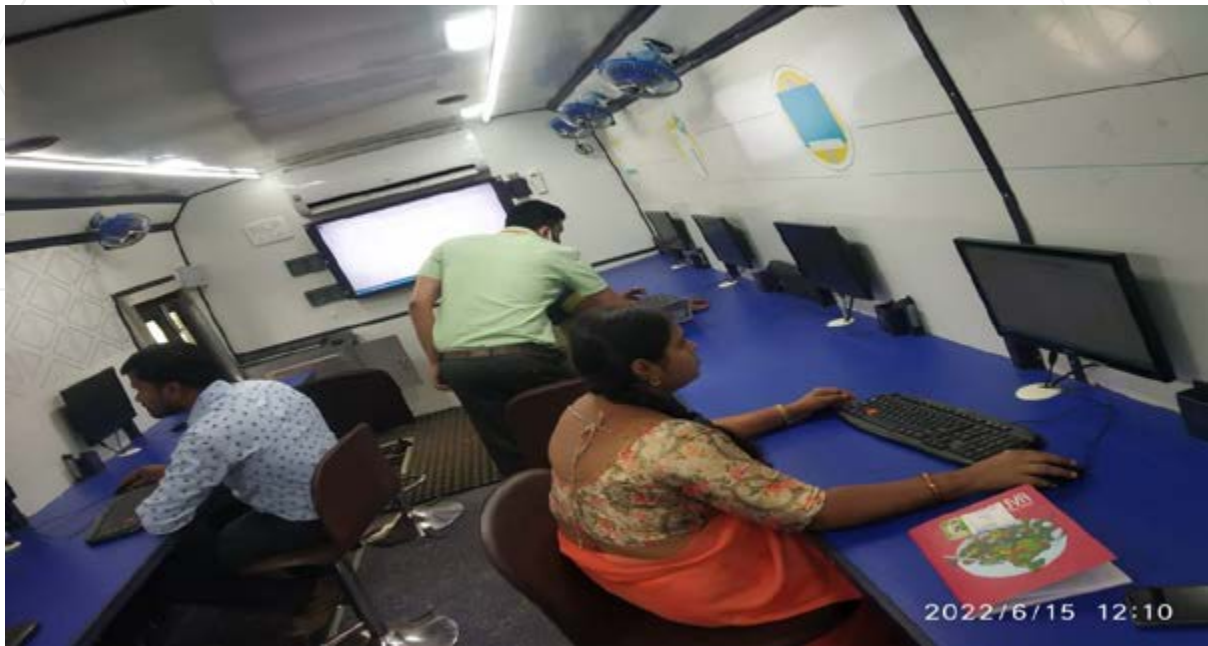
Education on Wheels (EOW)

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

Photographs:

Session 1: FDP





Session 2: STP





December to March Month activities

SL NO	Month	School	Date	Total Students Participated
1	Dec-22	Civil	5/12/2022	36
2		Architecture	10/12/2022	25
3		ECE	21/12/2022	35
4		CSA	12/12/2022	25
5	Feb-23	Civil	2/2/2023	35
6		EEE	24/02/2023	30
7		CSA	7/2/2023	25
8	Mar-23	Civil	6/3/2023	20
9		ECE	9/3/2023	35
10		CSA	30/03/2023	30

Sample Reports:



SCHOOL OF COMPUTER SCIENCE AND APPLICATIONS

Title: Report on Education on Wheels

Event Name: Outreach Activity through Education on Wheels (EoW)

Date: 07/02/2023

Venue: Arebinamangala, Bangalore

Objective:

1. To establish a beneficial connection between the organization and people.
2. To regularize the practice of conducting activity at adopted schools.
3. To share the knowledge with the young minds through the facility provided from the University.

Faculty Coordinator:	1. Mr. Ravi Dandu, Asst. Professor, School of CSA
	2. Mrs. Deepa B G, Asst. Professor, School of CSA

Report of the Event:

Outreach activity is to establish a beneficial connection between the people and organization. As a part of outreach activity, the School of Computer Science and Application from REVA University organized a one-day knowledge sharing program to primary government school – Arebinamangala through the vehicle know as Education on Wheels. The vehicle is mounted with computer systems and well equipped with a big screen monitor and centralized air conditioner. The aim of this activity is to educate the society. REVA University initiated such programs to reach the adopted school and educate the school children with basics of computer. With the support and guidance of director Dr. S. Senthil, Prof. Ravi Dandu and Prof. Sheela D V visited the school on 13/12/2022 through the EoW. Class II students assembled in the EoW acquiring each computer system. The students were able to memorize the previous visit topics. The students were introduced to paint application and explained about the tools used in the paint application.

Outcome:

- Students were competent enough in using different tools in paint application.
- Students anticipated their artistic minds by designing some art on the application.
- It was a new learning to them with some colourful and fun oriented activity.

Photos





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