

# Report : National Exposure Trip to Vijaywada-Tirupati, Andhra Pradesh, India (From 12<sup>th</sup> February to 18<sup>th</sup> February , 2023)

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On 12<sup>th</sup> February 2023, Sunday departure of a group of team education, Delhi including 25 MTs with coordinator Dr. Mridula Bhardwaj (Asstt. Prof. DIET Pitampura) and Ms. Suman, SCERT from New Delhi took place for cultural exchange and learning about the Andhra Pradesh education system on ground.

Left for the trip early morning at 6:00 o'clock by Air India



Arrival at Vijaywada airport by 8:30 am on 12<sup>th</sup> February 2023





At the Hotel Kosala, Vijaywada 11:50 am assembled in the hall at the Hotel itself for....

Welcome by team SCERT in the presence of the learned Director SCERT Dr. B. Pratap Reddy.



On 13<sup>th</sup> February 2023, the team visited ZILLA PARISHAD HIGH SCHOOL, PENAMALURU, KRISHNA DISTRICT. Welcomed by the Principal Mrs. Bhavani. Students given roses as token of love and we introduce ourselves to teaching faculty of school. The Principal shared about the schemes on Nadu-Nedu a school transformation programme in Andhra Pradesh.



The Flagship programs are

1. Jagananna Ammavodi:- This programmes to support the Mothers/ Guardians of school age children belonging to BPL families. Financial assistance of Rs.15000/- per annum to each mother or recognised guardian from BPL families sending their Children to schools from Class I to XII in all Govt. and Pvt. recognised management Schools.
2. JAGANANNA Vidya kanuka kit:- This programme belong to free uniform,shoes,Bag,Boooks given to students in all govt. Schools from Andhra govt. MANABADI Nadu-Nedu:- This programme for Transforming School Infrastructure in the state shall be implemented in all govt. Schools.
3. JAGANANNA Goru- Mudda:- This programmes belongs to Mid day Meal programme. Mid day Meal Menu planned for sake of health of students.
4. Community Contracting System:- Parents committee chairman and School Headmaster working together for Infrastructure issue. Deploy Welfare assistance or Engineers assistance either alumni of school or from community. Step taken for safety of students:- Complaint box for students, attached Mahila police with school and community for girls students problem.
5. Volunteers System:- One volunteers for five houses and consult to parents for drop-out children. Cluster Resource person interacted with volunteers regarding drop out children.
6. TARL(Teaching at right level) Program :- This programmes for primary and upper primary students for working for FLN in NEP 2023. Afterwards we visited VIII th class,where students are studying with Tabs. Tabs given by Andhra Pradesh government with preloaded Byjus content in mother language Telugu. We interactions with students about the usage of tabs.

The team also visited the exhibition where students presented their models and describe the function and usage of model and project. Visited ATAL TINKERING LAB, where students working for their project work. Lab is fully equipped with modern technology instruments. Afterwards we have enjoyed traditional lunch with School staff.





Visit to library was very exciting as it is very welcoming and differently designed. Teachers manuals having sample lesson plans from scert was also there.





## Cultural program



Very enthusiastic gesture was seen among Principal, teachers and students at the music room where students were playing drum and asked the teachers from Delhi to join for dance. Everyone enjoyed their traditional music and dance. At the end of the day, Principal mam arranged special assembly for us and invited us to share their views about the school's visit. Some team members share their thoughts about the visit.



Our team Coordinator Dr. Mridula Bhardwaj presented a painting and Happiness books to school as a token of love from team education, DELHI.



On 14/02/2023

SCHOOL VISIT - Zila Parishad High School Nidamanaru

In the morning assembly Welcomed with guard of honour



- The school has one and only Army and NCC cadets, they performed a march in front of us which was quite mesmerizing.
- The students are guided by Mr Purna Chandra along Mr Rajendra Kumar and Mr Balram who are the Physical Directors of the schools o We were also acquainted with the venture of a calculating nutrients with the help of a machine that is a Delhi based Start-up o Mr Purna told the group that the school has its own personal aircraft which is been kept at Vijaywada Airport. The students are taken to the hangar once in a month for training purposes o The Mandal Education Officer Sh VenkatRaman

Daria sang a prose from “ Raja Harishchandra” and Headmaster sang Jai Jai Bharat in Sanskrit by P.B. Shaly. o We were also shown the Solar Power Plant of 12KW which is installed by the alumni

- Students performed yogasanas very beautifully
- Spoken English program is one of the dream of CM of Andhra.A group of students presented their English speaking skills
- A delhi based startup has provided them a machine which can calculate the nutrients, when food is placed in that
- This machine was also able to calculate the BMI of students
- Mandal Education officer Sh. Venkata ratnam also joined us at the school. He is also a renowned singer and poet of telugu language





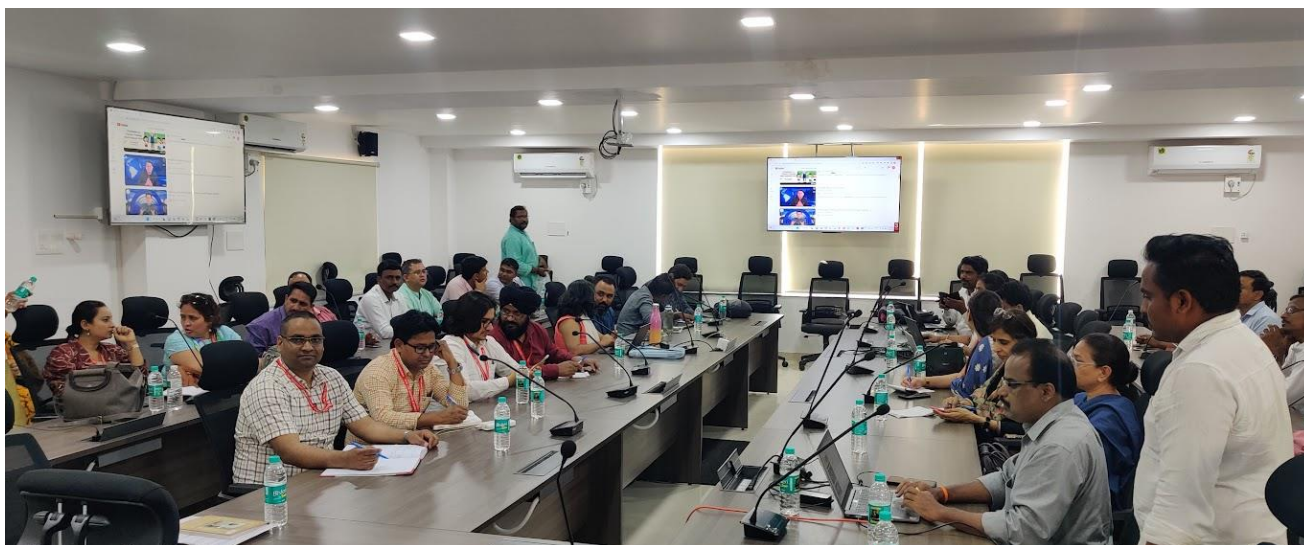
After that we headed to SCERT where we met the faculty and interacted. They were eager to know about the Mentorship program and TDC program. They also asked questions related to the work going on in SCERT regarding NIPUN Bharat and NEP 2020. In the leadership of Dr. Mridula the respective person responded.



- bilingual books were shown to us which have been printed in two languages telugu and English so that students can understand and learn English.

Short description of our programs were presented as -Happiness curriculum, Deshbhakti curriculum, EMC, TDC program ,DBSE and SOSEs , Design and ICT .

After the presentations we moved to SALT -supporting Andhra's learning transformation



It is great to see that Andhra Pradesh is taking steps towards improving its education system. The development of the bilingual mirror image textbook and the use of English as a medium of instruction is a step in the right direction. The adoption of the happiness curriculum and the career guidance resource book will be beneficial for students. The skill development corporations and the NGO, Svarna Bharti, are providing



opportunities for dropout students. The translation tool into Telugu for primary classes and the pictorial dictionary is a great resource for students. The academic year starts from June to April and the MDM is providing the necessary nutrition to students. The gram volunteer system helps in enrolment and the three language formula is a good approach. The app for keeping records of students is a modern and efficient way. The SALT program and the LIP learning improvement program are providing support for the education system. It is great to see that Andhra Pradesh is adopting the CBSE model and the TARAL program from Pratham is supporting FLN. The combination of physical and digital library is a good way to provide access to resources.

Project Director Sh Srinivas Reddy and Sh Satish reddy- SALT head introduced the 4 flagship programmes – Ammavodi, Jagannan Vidya Kanuka, Digital infrastructure, Curriculum reforms. o We had an elaborate discussion regarding assessment, school mapping, jaganan gormuda, TARL programme with various NGOs like PRATHAM etc. Way forward for the DOE, GNCT of Delhi It is great to see that Andhra Pradesh is taking steps towards improving its education system. The development of the bilingual mirror image textbook and the use of English as a medium of instruction is a step in the right direction. The adoption of the happiness curriculum and the career guidance resource book will be beneficial for students. The skill development corporations and the NGO, Svarna Bharti, are providing opportunities for dropout students. The translation tool into Telugu for primary classes and the pictorial dictionary is a great resource for students. The academic year starts from June to April and the MDM is providing the necessary nutrition to students. The gram volunteer system helps in enrolment and the three language formula is a good approach. The app for keeping records of students is a modern and efficient way. The SALT program and the LIP learning improvement program are providing support for the education system. It is great to see that Andhra Pradesh is adopting the CBSE model and the TARAL program from Pratham is supporting FLN. The combination of physical and digital library is a good way to provide access to resources.

Glipmses of their presentation at SALT.



## Pre-School Kit to all Anganwadi Centers

Pre-school kit worth Rs. 5000/- consisting with 26 items pertaining to activity-based learning have been distributed to all 55,607 Anganwadi centers

Provided user manual with all the details pertaining to each item in the kit with the areas of developments


Pre-school activities are performed for at least 2 hours every day with the support of material provided to them

Child assessment card developed and distributed to all AWCs for the periodic assessment of all pre-school children on all the developmental areas


## Learning Improvement Program (LIP)

- 01** This program is designed for classes 6 to 8 for ensuring adequate learning outcomes among students.
- 02** MoU between School Education Dept., Village & Ward Secretariat Dept., Centre for Innovations and Public Services (CIPS), UNICEF and Save the Children.
- 03** Principals of DIET were oriented, strategies are discussed, State Resource Group constituted.
- 04** Launched on 28<sup>th</sup> Nov at Visakhapatnam, Training imparted at all levels.





## Focus on ECCE

- 01** Schools are categorized for imparting Pre-Primary Education and ensuring FLN.
- 02** Anganwadi Centers are mapped to schools. (49% AWCs co-located)
- 03** Developed workbooks and activity books for PP1, PP2 as per NCERT guidelines and supplied to AWCs.
- 04** Foundational Primers are developed in six tribal languages (Savara, Sugali, Adivasi Oriya, Konda, Kuvi and Koya)
- 05** Distributed ARAMBH Kits to 200 AWCs in ITDA areas for integration of CwSN in association with UNICEF.








## Swechha Program


Swechha Program aims to improve health and hygiene of adolescent girls studying in government schools and colleges by providing quality sanitary napkins free of cost.

Free supply of 10 Bio-Degradable Sanitary Napkins per month per child to every adolescent girl studying in Classes 7th to 12th in all Government Schools, Junior Colleges and Residential Institutions in the State.

### Coverage

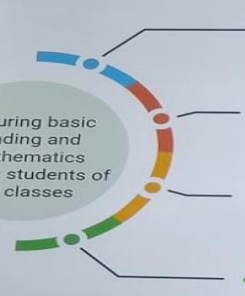
Sl. No	Department	Institutions	Adolescent Girls
1	School Education	9,939	8,07,778
2	Social Welfare	124	54,474
3	Tribal Welfare	100	18,370
4	Intermediate Education	459	78,819
<b>Total Coverage</b>		<b>10,622</b>	<b>9,59,441</b>





## From 'Schooling to all' to 'Learning to all'

Ensuring basic reading and mathematics among students of 3-5 classes



01

MoU with Pratham Foundation inculcating Teaching at Right Level

02



Students engaged with activities, group/individual


03

130 Master Trainers trained by Pratham

04

Practice in classrooms




## CBSE Affiliation of Govt. Schools

MoU with CBSE for affiliation of all Govt., Schools in a phased manner. To build up the capacity of the educational administrators, headmasters and teachers to switchover to the CBSE mode of examinations in English medium.

(1308) Schools consisting of KGBVs / APMS / Residential schools run by Welfare Departments, Municipal Administration, Local Bodies and State Government proposed for affiliation to CBSE.

1000 Schools affiliated during 2022-23. Provided training to teachers on CBSE pattern and textbooks of Class VIII.

Management	Schools Proposed	Schools affiliated
KGBVs	352	335
APMS	164	154
APREIS	39	38
ZPHS	418	215
APTWRIS	60	49
Municipal	70	28
APSWRIES	179	157
MJPAPBCWRIS	26	24
<b>Total</b>	<b>1308</b>	<b>1000</b>





## TABs to VIII Class Students

"All of us do not have equal talent, but all of us should have an equal opportunity to develop our talent".

Hon'ble Chief Minister on 21st December 2022 Wednesday distributed tablets to Class 8 students and teachers in the state's Bapatla district, in a move to boost digital literacy.

Byju's Premium e-content of classes 8<sup>th</sup> and 9<sup>th</sup> was preloaded in the TABs

Overall, 5,18,740 tablets distributed to 4,59,564 Class 8 students and 59,176 teachers across the state.





## Digital Infrastructure for classrooms

The government providing 10,038 Smart TVs for classes I to V and 30,213 Interactive Flat Panels (IFPs) for classes VI to X to 15,694 schools covered under Mana Badi Nadu Nedu Phase I with a financial estimates of an amount of Rs. 352.32 Cr. for the academic year 2023-24.

65" Interactive Flat Panel (IFP) with 178° view angle, inbuilt touch facility and wi-fi connectivity including 5-year onsite warranty.



65" diagonal display with internal storage, wi-fi and Bluetooth connectivity with HDMI ports including 5-year warranty.

Digital Infrastructure in classrooms will be placed by the reopening day of the academic year 2023-24



## Republic Day at MPPS Vanchadagondi

People of Vanchadagondi village, ASR district belongs to PVTG (Primitive Vulnerable Tribal Group) who doesn't know even Telugu.

Their mother tongue is KUVI.

Sallangi Venkata Giri., SGT, who joined in January 2021, transformed the children vocabulary in English

Students of MPPS, Vanchadagondi deliberates their Republic Day speech in English



It showcases that the efforts of the government is reaching the un-reached towards improving the vocabulary in English among students.



## New Category of Schools

Satellite Foundational School  
(PP1, PP2)  
Standalone AWC  
**8517**

Foundational School  
(PP1, PP2, Class 1 & 2)  
**4689**

Foundational School Plus  
(PP1, PP2, Classes 1-5)  
**29764**





Pre-High School  
(Classes 3-7/10)  
**3905**

High School  
**6678**  
(Classes 3-10) **2862**  
(Classes 6-10) **3816**


High School Plus  
**292**  
(Classes 3-12) **129**  
(Classes 6-12) **163**

## Revised Menu







**సోమవారం**  
పచ్చి పొంగల్, ఉడికించిన గుడ్డు/ కూరగాయల పలావ్, గుడ్డు కూర, వేరుశనగ చిక్కి




**మంగళవారం**  
పులిహారం, పచ్చిపప్పు పచ్చడి/ పొండ్లకాయ పచ్చడి ఉడికించిన గుడ్డు




**బుధవారం**  
కూరగాయల అన్నం, బంగాళాదుంప కూర, ఉడికించిన గుడ్డు, వేరుశనగ చిక్కి



**గురువారం**  
సాంబార్ బాత్, ఉడికించిన గుడ్డు



**శుక్రవారం**  
అన్నం, ఆకుకూర పప్పు, ఉడికించిన గుడ్డు, వేరుశనగ చిక్కి



**శనివారం**  
ఆకుకూర అన్నం, పప్పుచారు, తీపి పొంగలి

Day	Revised Menu w.e.f 21-11-22
<b>Monday</b>	Hot Pongal with boiled egg / Vegetable Pulav with Egg Curry and Chikki
<b>Tuesday</b>	Tamarind /Lemon rice (Pulihora) Tomato/ Dondakaya chutney & Boiled Egg.
<b>Wednesday</b>	Vegetable Rice, Aloo Khurma, Boiled Egg & Chikki
<b>Thursday</b>	Sambarbath & Boiled Egg
<b>Friday</b>	Cooked Rice, Dal with green leaves, Boiled Egg & Chikki
<b>Saturday</b>	Green leafy Vegetable Rice, Pappu Charu & Sweet Pongal

Variety
Taste
Ambience
Hygiene
Bonding
Learning Etiquettes

## JAGANANNA VIDYA KANUKA


Teaching-learning material in student kits

- 01


JVK kit consists of three pairs of uniforms, set of Notebooks, textbooks, a pair of shoes, two pairs' socks, a belt and School bag, Dictionary included for primary students and secondary students
- 02

This scheme is aimed to minimize the dropouts and to improve gross Enrolment ratio. Student's participation in the learning activity will increase and thereby improve the learning outcomes of the children.
- 03


JAGANANNA VIDYA KANUKA helped in improving the dignity of Government school students and to increase enrolment of students in government schools.




## Jagananna Gorumudda



"Providing adequate balanced, tasty and quality nutritional support to the students in a professional and scientific way under better and hygienic surroundings through constant & continuous monitoring in order to avoid classroom hunger & malnutrition and thereby to achieve the ultimate objective of best learning outcomes of the students"



Coverage			
Sl.No	Stage	Schools	Children
1	Primary	34677	18,58,874
2	Upper Primary	4387	11,73,462
3	High Schools	5877	7,62,925
<b>Total</b>		<b>44,941</b>	<b>37,95,030</b>





## Nadu Nedu - Components



1. Toilets with Running water



2. Drinking Water Supply



3. Major and Minor Repairs



4. Painting to entire campus



5. Electrification with Fans and Tube lights



6. Furniture



7. Green chalk board



8. English Labs



9. Compound walls



10. Kitchen shed

## Jagananna Ammavodi

### Motto

In order to ensure that poverty of the parents does not come in the way of educating their children.

- The Hon'ble Chief Minister's mission to support the Mothers / Guardians of School age children belonging to BPL families.
- To ensure that their children live with dignity and complete education.

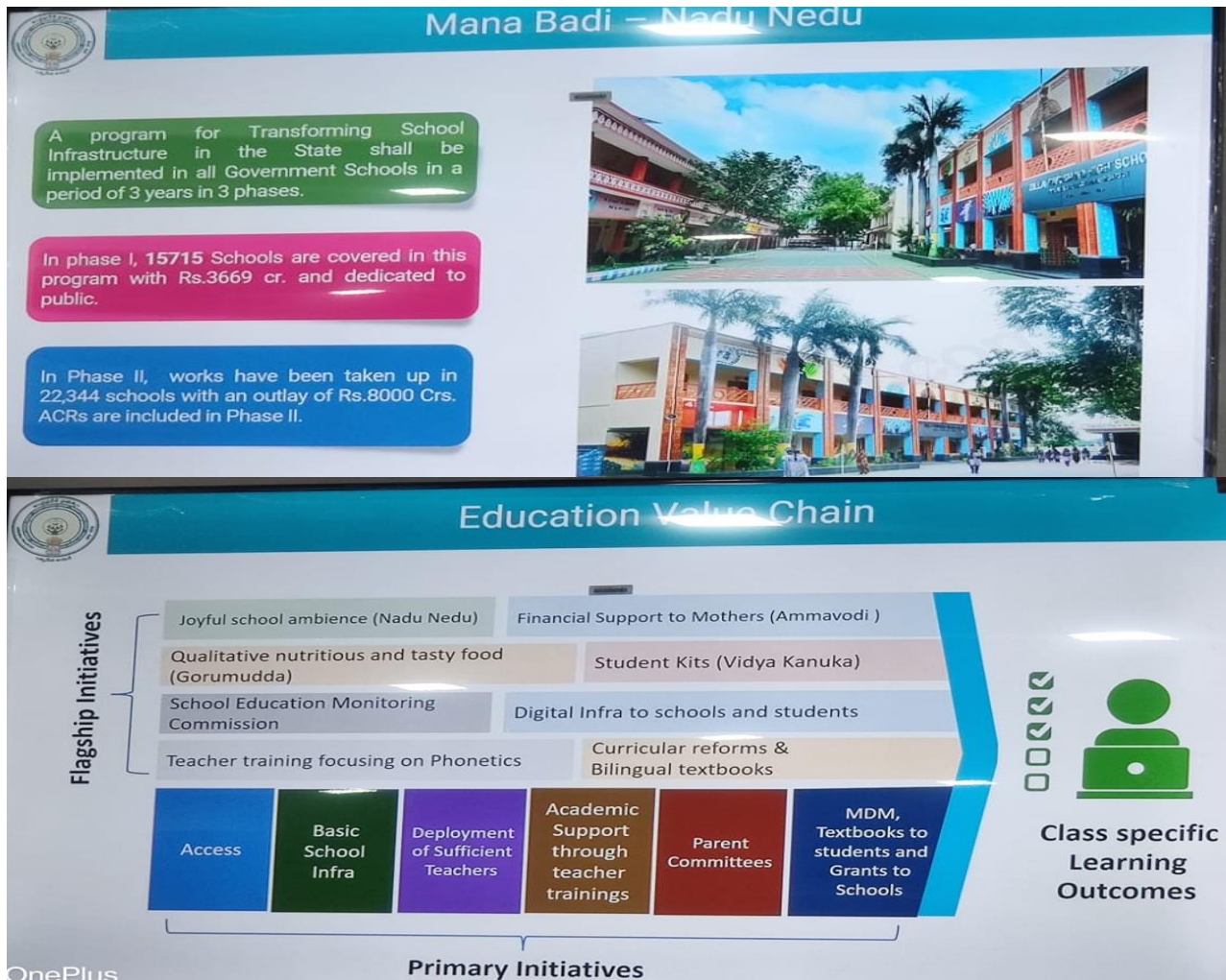
Government launched "JAGANANNA AMMAVODI" on 9th January 2020.

### Support

Financial assistance of Rs. 15,000/- per annum to each mother or recognized guardian from BPL families sending their children to schools or colleges from Class I to XII in all Govt. and Pvt. recognized management schools / colleges in the State.

75% of student attendance mandated during the academic year 2021-22

Academic Year	Total Students (Class I to XII)	Eligible unique mothers	Amount Spent (Cr.)
2019-20	81,72,224	42,33,098	6349.6
2020-21	83,76,020	44,48,865	6673.4
2021-22	82,31,502	43,96,402	6594.6



The team was also asked to present and share about Delhi education system. In the leadership of MT Sanjay Pipal following programs had been presented –

MT program presented by MT Pankaj Utreja and MT Divya Singh

Happiness Curriculum presented by MT Chandrika

DBSE and SOSE schools presented by MT Upma Mahajan

Deshbhakti curriculum presented by MT Parminder

ICT and Design was presented by MT Sapna Choudhary

The day was concluded by 7:00 pm.

And the team headed towards Tirupati district( journey of 400 kms) by same two tempo traveller which were making us to local tour.



On 15<sup>th</sup> February, 2023

We reached the hotel by 9:15 am due to break down of bus at night and change of the bus delayed our journey.

By 11:00 am all the team mates get ready to visit 4 schools as our escorts from SCERT Mr. JaiRam and Mr. Suresh were waiting since morning.

The team visited A.P. Model School , Y.V. Palem ,Tirupati distt (travel of 60 kms)



Interaction with the students, teachers and Knowing about the use of the tablets in grade 8<sup>th</sup> using Byju's offline e-content.







Observing midday meal time. Students were having nutritious food in ample quantity.



Cultural program





Presenting the Token of gratitude and appreciation



Visit to ZPH girls School Ranigunta, Tirupati





On 16<sup>th</sup> February, 2023

Visit to a Government primary school, Tirupati. Here the team was privileged to meet Sh. A. Ranganatha Naidu the land donor of the school honoured by The former president Dr. APJ Abdul Kalam in the year 2008.

The kitchen, kitchen garden, smart classrooms, Kit for the students, sitting for having midday meal were the well established.





On 17<sup>th</sup> February, 2023

The team visited Horsley Hills School, Tirupati also known as Rishi Valley school by travelling more than 3 hours (187Km). There Principal Ms. welcomed all and addressed. She explained the vision of Jiddu Krishnamurthy sir- the philosophical founder of the school that he also wanted to open a school in this remote area, which is an example of naturalism Philosophy of education by Rabindra Nath Tagore. The Principal also quoted-“What is the right learning?” – “What does the child give back to the society?” majorly they work upon relationships through the journey of education. The school is located in the lap of nature and she also quoted a zen poem 'The Wind' is in me and I am in the wind..... Environmental values are imbibed in the children to the deepest core. Children has risen over and above materialistic things and they have learnt to preserve nature by highlighting a few examples -



- They do gardening.
- They do not buy unnecessary things.
- They follow simple lifestyle.
- They preserve resources.
- They never waste money.
- They share meals with the animals also like monkeys and birds.
- Rural school has been built as a role model for the whole community. Multi grade cum multi level is the Pedagogical system developed and followed by the school. Generic medicines are provided and more of health education is given to prevent diseases. 29 mandalas come to get assistance from the school's health centre. Following books are also published by the school:
  - Rishi Valley Book of Trees and plants
  - Rishi Valley Book of insects
  - Rishi Valley Book of birds
  - Tiny booklets on snakes of Rishi Valley, All the mentors received the book 'The Journey of Mountains' as a token of love and respect.

The DOE representatives also presented a painting of the students. Children impact the diversity and the way they are living is quite different. Children have built in their own special way 'Mother's literacy kit' in their own mother tongue. This is a boarding school 🏠. They have an entrance exam for the students to get admission and also the interaction with the children. Parents also enquired about their expectations from the school and their children's lives. School follows ICSE exam board for the students. They study local livelihood, finance and Micro finance and so on. Alumni do come back after earning a lot to contribute to the society. Total number of students in the school is 350. The combination of subjects which are followed here since ages is now recommended by NEP 2020. They offer the TEP- Teacher Education Program for capacity building of the teachers. Rishi Valley is also known for its birds reserve. The birds we saw here were incredibly beautiful. Ornithologists come here in the campus itself for the research projects and to preserve nature. On the calendar they draw -how is the sun today. And observe the changes around. In mathematics class they are given two types of questions first for the basic knowledge and second challenging questions. The division of three branches of social study is done like introducing one in a term like history in the first term and economics in the second term and so on. Children are shown movies once in a fortnight which is scrutinized by the teachers first. Students Teacher ratio is 1:6 At 7:40-8:20 am they get their breakfast. Then they assemble for the prayer in Sanskrit including shlokas. Multiple outdoor sports are played after the prayer. 6:45-7:15 dinner time and they go to bed at 9 pm. No school uniforms are worn. Children wear casual clothes that covers the whole body. The school is running since 1981 covering area around 100 acres. Then we had lunch in the school mess and after that we visited RIVER- RISHIVALLEY INSTITUTE OF EDUCATIONAL

RESOURCES This is a Teacher training institute for about 6 satellite schools in near by rural areas. Anil Duth was the leading person who was working in the capacity of Teacher, Writer, Program Implementation Manager addressed the meeting .Director of RIVER Dr. Rama Rao also interacted with the team.

#### Multi grade multi level program



Vidyavanam school is also run under the management in two separate rooms one for class 2&3 and another one for 4&5. Teacher student ratio is 1:40. Through class interaction and dynamic learning. Teacher needs to interact with each and every student. Yearly plan is called learning ladder. list of competencies and activities is designed on yearly basis. Logos means indicators which are used to mark the students following logos are being used: Animals for language Birds for mathematics Insects for EVS Pink border – Grade 1 Green -Grade 2

Yellow – Grade 3 Silver- Grade 4 Purple – Grade 5 They use it as a report card for the students. Then they share flash cards of specific words. Then in the next step they make them learn the pronunciation of the letters along with the words by using the stencil of the words. Three dimensional letters are then given to the students. Fifth activity is to match the stencil with the letters. Level six reading of the cards with those two letters is done by the students. • Peer learning • Partial Support and • Self learning Difference in teaching learning strategies • Teacher sits on the mat to connect with the students. • On Sundays also the students turn up to the schools. • Material are framed according to the need of the local students. • Sports and game activities are undertaken on the basis of self discipline • Self reflection at the end of the chapter and then he/she is assessed and marked. • Self paced learning is also promoted.

- Multigraded and multilevel learning is followed.

Well explained by Mr. Anil Duth.









- Cultural events are organised in the school premises.
- Teacher student ratio is 1:40
- Progress tracking tool to monitor the progress of the students.





After this at 3:00 pm the interaction with Director of the school was done, wherein a deep discussion took place and Mentor teachers put up different questions to the director Dr. Rama touching up various domains and were duly addressed by them.



Overall the day was full of experiential learning wherein the interaction glued all of us.



On 18<sup>th</sup> February 2023 Departure to Delhi

The team left for Tirupati airport . the team were invited at the DEO office. There all were presented a portrait of Tirupati bala ji along with a traditional vastram.







The learning which can be implemented in our system can be proposed as-

1. Multi grade multi level model
2. Mid may meal menu and prayer before having food
3. Kit for the students on reopening of the schools/new session
4. NGO / other agencies to provide breakfast/ snacks
5. BMI machine which measure nutritional value in a plate of mid-day meal along with the appropriateness for the child as per his/her height and weight
6. Kitchen at schools premises along with kitchen gardens( if not possible in every school, then it can be dine at cluster level)
7. Ambience of Library need to be upgraded to have conducive environment.
8. Music rooms
9. Tablets / digital devices for students
10. Mirror image content/ bilingual material

### **Contribution in report writing**

Coordination – Dr. Mridula Bhardwaj and MT Sanjay Pipal

Photos – Dr. Mukesh kumar

Day wise reports shared by - MT Divya Singh, MT anuradha Rani. MT Upma Mahajan, MT Harsh Bhardwaj, MT Parminder, MT Deepika Jain, MT Sandeep Panchal, MT Bhawna Singh

Compiled by

MT Divya Singh