

Development of E-resources for School and Teacher Education Curriculum

(Report of the Programme)

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Subject Groups for Development of E-content (2017-18)

Sl. No	Subject	Subject Coordinator	Institute Faculty	DMS Teachers
1	Mathematics	Dr. V.S.Prasad	Dr. T. V. Somashekar Prof. K. Anil kumar Mr. Madhu B Mr. Santhosh Rao M Mr. Ajay Kumar K	Ms.Harini;Ms. Vijayalakshmi C V;Mr. Balaji Babu Rao;Ms. Renuka Mr. Manjunath N Mr. Mallesha S
2	Physics	Dr. Raman Namboodiri C K	Mr. Noufal P;Mr. Santhosh Kumar;Ms. Shalima Puthiyaveettil; Dr. Somashekhar;Mr. Sudeep Kumar K	Mr. Abhiraj M R Ms. Esha S
3	Chemistry	Prof. Ravichandran R	Ms. Jyoti Trivedi;Dr. P Tamil Selvan;Dr. M S Srimathi;Dr. Shanthalakshmi(Lab Asst); Dr. Sangeetha Balakrishnan Dr. Jinu P Y;Ms Sowmya P T	Mr. Siddaraju K Ms. Nisha Narayanan
4	Biology (Botany)	Prof. G.V.Gopal	Prof. M.U. Paily;Dr. Rani Prameela;Dr. Geetha G Nair	Dr. A. Mary;Dr. Geetha R; Ms. Veenakshi
5	Biology (Zoology)	Prof. Padmaja C	Dr. Sujatha B.H;Prof. D G Rao;Prof. A Sukumar	Ms. Annapurna H N
6	Geography	Dr. S. Chinnappanavar	Mr. B Mahalingam	Mr. Chandrakumar Bankar Ms. Anitha Ravindra G R
7	History	Prof. Malli Gandhi	Prof. V. Ramadas Dr. V. Chandranna	Mr. Yallappa Ulli Ms. Shruthi S
8	Political Science	Dr. V. Chandranna	Prof. Kalpana Vengopal	Ms. B Susheelamma Mr. G. Krishna Nayak
10	English	Dr. Karunakaran B Shaji	Mr. Ravi Vanguri Dr. Paramita Shastri Smt. Anusha Bharath	Mr. C. Radhakrishnan;Ms. Shanthi Grace;Ms. Jhancy P N;Ms. Shubha D J;Ms. Aisha Sultana;Mr. Santhosh M R Ms. Shaista Amrin
11	Hindi	Dr. Sarvesh Mourya	-----	Ms. Chonhen Minz;Ms. Shakuntala N Gouda;Ms. Salma Banu
12	EVS	Dr. V. Tangpu	Prof. Manjula P Rao Dr. Nagaraj (Lab Asst)	Dr. Mangala B Ram;Ms. Remya N;Mr. Pradeep B N Ms. Almas Fathima

List of Resource Persons Participated in the Workshops

I. Workshop in Media Production (for RIE Students) held on 23 -24 September 2017

- 1. Mr. Syed Kaleem**, Senior Producer, EMRC, University of Mysore
- 2. Mr. M. B. Shivashankar**, Sound Artist and Freelance Soft skills Trainer, #178, 10th Cross, Shivaji Road, N R Mohalla, Mysore-570007.

II. Workshop to develop e-resources in Hindi held from 12th to 16th March 2018.

- 1. Dr. Shivadatta Wavalkar**, Asst Professor, SNTD Arts & Commerce College for Women's, Pune -38
- 2. Dr. Mahesh Dawange**, Asst Professor, Department of Hindi, S P Pune University, Pune - 07

Report of the Programme

Introduction

Digital resources are highly beneficial to students, teachers and teacher educators in various ways. As per the vision of National Curriculum Framework 2005, learning through visualization can be achieved as these e-resources helps students in visualizing the concepts. Similarly it also assists teachers to improve the teaching methodology and provide a better learning environment for students to construct their own knowledge. The main challenge lies in the availability of these e-resources customized to the need of the teacher and student. Keeping this in mind, National Repository of Open Educational Resources (NROER) has been launched to provide free access to e-resources to every stakeholder of education system. This gives rise to the need for developing appropriate and effective e-resources keeping the local context in mind. NROER has a feature to create interest group. This interest group feature of NROER will provide a platform to the students and teachers for discussion which leads to the creation of e-resources.

NCERT and CIET has rennovated Regional Institute of Education Mysore studio with multi-camera video production setup and other digital equipments. Faculty members and students of the Institute and DMS teachers can be effectively involved in utilising these facilities to develop e-resources. The participation of student teachers will also enable them to develop skills sets which will help them in their teaching careers. The studios can also be used as a resource point for the states to produce e-resources.

The CIET-RIE-SIET Coordination Committee has entrusted RIE Mysore to produce e-content based on the NCERT textbooks for classes VIII and EVS of class V. An orientation program on development of e-resources was conducted by CIET at RIE Mysore for the faculty, teachers from Demonstration schools and some student teachers in the year 2015-16.

Accordingly, under the recommendation of the CIET, the Institute undertaken a PAC programme for developing e-resources during 2016-17. However, due to lack of proper training to the faculty members of the institute and teachers the work of development of E-resources could not move much. Only a limited number of materials were produced in the above year. Therefore the programme was continued during the year 2017-18 with focus to involve more number of faculty members and school teachers and produce adequate number of quality e-resources.

Objectives of the programme

The following were main objectives of the programme.

- Create and utilize a network of e-resource developers (teachers, teacher educators and students) in developing e-resources for school and teacher education curriculum.
- Enable the faculty members and students of RIE Mysore to produce audio, video and digital resources using the studio of the Institute as well as Free and Open Source Software (FOSS)
- Update the knowledge and skills of educational functionaries of the states in developing e-resources for school and teacher education curriculum.
- Review and finalization of e-resources developed by RIE Mysore
- Deploy digital resources on NROER and other online platforms.

Methodology

The methodology adopted for the programme is briefly outlined below. Under the programme four technical personnel on contractual basis were appointed for operation and maintenance of the studio. A plan to orient the pre-service students to utilise the STUDIO facility and use of FOSS to develop e-resources were drawn up. It was decided to digitise all existing audio resources available in the E T Cell and prepare metadata of the resources for the purpose of deploying them on NROER. It was also planned to produce e-Resources using available Free and Open Source Software (FOSS). The e-resources (in raw form) developed by the Institute were sent to CIET for review. It was also proposed that the video conferencing

network and NROER interest group will be used for discussion with the students on e-resources development. The major activities planned under the programme are given below.

- Planning meeting to work out the details of orientation of RIE students/faculty and state functionaries, Developing e-resources etc.
- Workshop for orientation of students/faculty.
- Development of e-resources using resources in the Studio as well as FOSS.
- Review and finalization of e-resources, developed by the students and faculty.

Detailed report of the activities

Planning Meeting

The programmes started with planning meeting held on 30th June 2017. Professor Y Sreekanth, Principal, RIE Mysore, chaired the meeting. Altogether 55 faculty members and DMS teachers attended the meeting. The meeting reviewed the work done under the programme during the year 2016-2017. A road map for the work to be done in the year 2017-18 was drawn and decided to complete the work in time. Accordingly the various subject groups were formed. Each subject group were coordinated by faculty members from the Institute and all the other faculty members of the same subject and DMS teachers of the concerned school subjects were the members of the respective groups.

Workshop for RIE Students

Under the programme a two day workshop for RIE students were organised on 23 and 24 September 2017. Thirty eight (38) students participated in the workshop. They were trained on fundamentals of e-resources development for school education. They were also provided with practical experience in script writing for video production, and presentation skills. The list of the students trained in this workshop were made available to the subject groups and these students later involved in the development of e-resource based the NCERT textbooks for Class VIII and EVS of Class V.

Review Meeting

In order to review the progress made in the resource development and facilitate completion of the pending work a meeting of all the Subject Coordinators with Principal, Heads of Department, Section In-charges, Headmaster DMS was held on 6.2.2018. The meeting was chaired by Principal Prof. Y. Sreekanth. The progress report presented by the coordinator stated that only 15 videos 2016-17 in four subjects (Maths:5, Biology:1, Geography:8 and EVS:1) could be produced in 2016-17. However, in the current year production work of 59 videos in various subjects have been completed. Thus total of 74 videos have been produced so far under the programme. With regard to the chapters to be covered across all the subject textbooks assigned to the Institute, 50% to 66% have been completed in Mathematics, Botany and Zoology. In EVS 31% of the chapters (7 out of 22) have been completed. The status of the chapters completed in other subjects (Physics:16%, Chemistry:20%, History:8%, Geography:16%, English:10%, Social and political life:0%, and Hindi:0%) is not satisfactory. Considering all the 112 chapters in different subjects put together only 25 chapters (22%) have been completed so far and the work of 17 chapters (15%) is in progress.

Principal appreciated all the faculty members, DMS teachers and the students of the Institute who take part in the development of e-resources as part of this PAC programme. and urged the coordinators and the faculty members and DMS teachers to give top priority to completion of the work under this programme in time. The meeting deliberated on many issues related to the programme. The subject coordinators brought to the notice that they face many constraints in completing the work of e-resource development, particularly as they are busy with the classroom teaching and evaluation work and shortage of resource persons. The subject coordinators of History and Hindi requested to take the help of external resource persons to complete the work of e-content. It was decided that the Coordinators of call meeting of the group members and make a plan to complete the work of e-resource development on the

remaining chapters in a time bound manner. Each subject group will complete considerable number of chapters by the end of March 2018. In the subjects where not many faculty members and DMS teachers are not available to develop the e-resources, the support of external resource persons can be sought, but the expenditure should not exceed total budgetary allocation for the programme.

Following the review meeting various subject groups put efforts to complete the pending work and thus development of e-content related to a considerable numbers of chapters of various subject textbooks of Class VIII and EVS of Class V were completed.

Workshop to develop e-resources in Hindi

As there are only one faculty member and three DMS teachers in Hindi the subject coordinator of the Hindi group had requested to hold a workshop involving external resource person to develop e-resources based on Hindi textbook of class VIII. Accordingly a one day meeting of the members of the Hindi group was organised on 14.2.2018 to discuss and plan the modalities of the workshop to develop e-content in Hindi. Based on the plan drawn in this meeting a 5 day workshop was conducted from 12th to 16 March 2016. besides the subject coordinator two external resource persons and the three DMS teachers participated in this workshop. The script wringing for resources based on all the chapters in Class VIII Hindi textbook and production work of three chapters were completed in the workshop. The production work of the remaining chapters were also taken up subsequently.

RIE YouTube Channels

In order to disseminate the video resources produced by E T Cell and e-resources developed under this programme two YouTube channels were started. These channels are named “RIE MYSURU EVENTS’ (<https://www.youtube.com/channel/UCdx5hjFjqv2fmoYAZbUo7Rg>) and “E-Resources@RIEMYSURU” (https://www.youtube.com/channel/UCgmDIxP4W-qC_bLaBLF0qg). The materials produced so far under the programme have been uploaded on the second channels, ie. ‘E-Resources@RIEMYSURU’.

Status of E-resources Developed Under the Programme

Under this programme about 100 videos have been produced so far in various subjects based on NCERT textbooks for Class VIII and EVS textbook for Class V. The videos produced in various subject were send to CIET though Google Drive for review and feedback. The feedback received from CIET were passed on to the respective subject groups to make necessary modification. These materials thus modifications were uploaded on YouTube. So far a total of 50 videos produced under this programme have been uploaded on the You Tube channel of RIE Mysore after validated by CIET. However, many chapters in different subject textbooks of class VIII and the entire teacher education curriculum of the Institute are pending for producing e-resources. The details of the e-resources produced under this programme during the year 2016-2017 and 2017-2018 are provided in the following tables.

Table 1: E- Resources Produced during the year 2016-2017 and 2017-2018

Sl No.	Subject	2016-17	2017-18	Total E-Resources
1	Mathematics	05	22	27
2	Physics	--	09	09
3	Chemistry	--	09	09
4	Biology/Botany	01	08	09
5	Zoology	--	13	13
6	History	--	01	01
7	Geography	09	01	10
8	Social and Political Life	--	--	--
9	English	--	02	02
10	Hindi	--	01	01
11	EVS	1	10	11
12	Other programmes produced	--	09	09
	Total	16	85	101

Table 2: Chapter wise details of e-resources produced during 2016-2017 and 2017-2018

Sl No.	Subject & Total No. of Chapters	No. Chapters Completed	No. of Chapters Partially done	No. of Chapters Remaining
1	Mathematics (16)	14	02	00
2	Science (18)	--	--	--
	Physics (06)	02	04	00
	Chemistry (05)	04	01	00
	Botany (04)	03	01	00
	Zoology (03)	01	01	01
3	History (12)	01	01	10
4	Geography (06)	02	02	02
5	Social and Political Life (10)	--	--	10
6	English (10)	00	08	02
7	Hindi (18)	01	11	06
8	EVS (22)	08	02	12
	Total 112	36	35	43

Table 3: E-resources produced during 2017-18 and pending for editing

Sl No.	Subject	E-Resources pending for Editing
1	Mathematics	02
2	Science	
	Physics	06
	Chemistry	01
	Botany	02
	Zoology	03
3	History	07
4	Geography	05
5	Social and Political Life	00
6	English	12
7	Hindi	11
8	EVS	02
	Total	51

E-Content Developed in RIE Mysuru based on Textbooks of Class VIII (Mathematics)

Chapters	Chapter Name	Resource Person	Name of the Episode 1	Name of the Episode 2	Name of the Episode 3
Chater 1	Rational Numbers	Dr. V S Prasad	Properties of Rational Numbers 17:31 min		
Chapter 2	Linear Equations	Dr. V S Prasad	Linear Equations in one variable - 1 08:04 min	Linear Equations in one variable - 2 12:51 min	
Chapter 3	Understanding Quadrilaterals	Mr Ajay Kumar	Understanding Quadrilaterals - Part 1 14:30 min	Understanding Quadrilaterals - Part 2 14:36 min	
Chapter 4	Practical Geometry	Mr Madhu	Parctical geometry 15:29 min		
Chapter 5	Data Handling	Mr Santhosh Rao M	Data Handling 08:46 Min	Data Handling - Part 2 10:28 Min	
Chapter 6	Squares and Square Roots	Dr. V S Prasad	Suare Roots 17:12 min	Square of Two digit number 18:39 min	
Chapter 7	Cubes and Cube Roots	Dr. V S Prasad	Cube Roots 14:42 min	Cube Two digit Numbbbers 20:21 min	
Chapter 8	Comparing Quantities	Mr Ajay Kumar	Comparing Quantities 13:49 Min	Comparing Quantities - Part 2 15:13 Min	Comparing Quantities - Part 3 17:05
Chapter 9	Algebraic Expressions and Identities	Mr. Santhosh Rao M	Algebraic Expressions - Part 1 13:37 min	Algebraic Expressions - Part 2 13:48 Min	

Chapter 10	Visualising Solids Shapes	Mrs Harini	Views of 3D Shapes 05:43 min	Visualising Solid Shapes 12:07 min	
Chapter 11	Mensuration	Mrs. C Vijayalakshmi	Mensuration Under Editing	Surface Area & Volumes 14:44 Min	
Chapter 12	Exponents and Powers	Mr Madhu	Exponents and Powers 06:28 min	Exponents and Powers - Part 2 10:08 Min	
Chapter 13	Direct and Inverse Proportions	Mr Ajay Kumar	Direct Porortions 14:54 min	Inverse Proportions 11:38 Min	
Chapter 14	Factorisation	Mr Santhosh Rao M	Factorisation - Part 1 17:15 min	Factorisation - Part 2 11:53 min	
Chapter 15	Introduction to Graphs	Mr Santhosh Rao M	Introduction to graphs Under Editing		
Chapter 16	Playing with Numbers	Mr Santhosh Rao M	Playing Numbers 21:45 min		

E-Content Developed in RIE Mysuru based on Textbooks of Class VIII (Science)

Chapters	Chapter Name	Subjects	Resource Person	Name of the Episode 1	Name of the Episode 2	Name of the Episode 3	Name of the Episode 4	Name of the Episode 5
Chapter 1	Crop Production and Management	Botany	Dr. Rani Pramila	Manuring & Fertilisers Under Editing	Manuring & Fertilisers – Part 2 Under Editing			
Chapter 2	Microorganisms : Friend and Foe	Botany	Dr. Sujatha & Students	Harmful Microorganisms 18:41 Min	Medical Usage of Microorganisms 22:59 Min	Decomposition (Cleaning the Environment) 03:32 Min	Food Preservation 08:57Min	
Chapter 3	Synthetic Fibers and Non-Metals	Chemistry	Dr. Jinu	Synthetic Fibers & Plastics 12:39 Min				
Chapter 4	Materials : Metals and Non-Metals	Chemistry	Dr. Jyothi Trivedi	Chemical nature of Metals and Non-Metals Under Editing				
Chapter 5	Coal and Petroleum	Chemistry	Dr. Sowmya	Coal & Petroleum 16:37 Min				
Chapter 6	Combustion and Flame	Chemistry	Dr. Shantha Lakshmi K	Combustion & Flame - Part 1 05:06 Min	Importance of Oxygen 06:25 Min	The role of Corban Dioxide 05:10 Min	Significance of Temperature 06:12 Min	Types of Combustion 04:39 Min
				Episode 6 Flame 06:27 Min				

Chapter 7	Conservation of Plants and Animals	Zoology	Mrs Mary & Ragin	Conservation of Plants and Animals 06:37 Min	Migration 06:53 Min	Forest Destruction Under Editing	IUCN 10:25 Min	Eco System Under Editing
				<u>Episode 6</u> Wildlife Conservation Under Editing				
Chapter 8	Cell-Structure and Functions	Botany	Mrs Geetha	Cell 07:25 Min	Cell Introduction 09:23 Min	How to Mount Onion Peel 07:03 Min		
Chapter 9	Reproduction in Animals	Zoology	Dr. Padmaja	Reproduction in Animals 06:03 Min	Types of Reproduction Asexual and Sexual 06:53 Min	Difference between Asexual and Sexual Reproduction 06:37 Min	Hermaphrodite and Sexually Dimorphic Animals 05:20 Min	Structure of Male and Female reproductive System 15:16 Min
				<u>Episode 6</u> VIViparous & OViparous Animals 07:32 Min	<u>Episode 7</u> Fertilisation & Types of Test tube Babies 06:27 Min	<u>Episode 8</u> Embryo Genesis 11:08 Min	<u>Episode 9</u> Pathenogenesis and Metamorphosis 06:06 Min	<u>Episode 10</u> Cloning 10:23 Min
Chapter 10	Reaching the Age of Adolescence	Zoology						
Chapter 11	Force and Pressure	Physics	Mr Naufel	Force and Effects of Force 07:13 Min	Types of Force 05:56 Min	Pressure 02:59 Min	Atmospheric Pressure 03:22 Min	
Chapter 12	Friction	Physics	Dr. Raman Nambodari & Mr. Nandan - Sudeep	Friction Under Editing	Types of Friction 07:44Min			

Chapter 13	Sound	Physics	Dr. Santhosh & Param	Sound Under Editing				
Chapter 14	Chemical Effects of Electric Current	Chemistry	Dr. Sangeetha Balakrishnan	Electric Current 19:28 Min				
Chapter 15	Some Natural Phenomena	Physics	Mr Naufel	Charger 2:45 Min	Electroscope 3:31 Min	Lightning 4:00 Min	Earthquake 3:32 Min	
Chapter 16	Light	Physics	Mr. Srikanth	Light Under Editing				
Chapter 17	Stars and the Solar System	Physics	Miss Anaga, Miss Gayatri & Miss Shalima	Introduction Under Editing	Stars and Solar System Under Editing	Discussion Under Editing		
Chapter 18	Pollution of the Air and Water	Botany	Prof. Gopal	Water Pollution 10:30 Min	Air Pollution 15:00Min			

E-Content Developed in RIE Mysuru based on Textbooks of Class VIII (History)

Chapters	Chapter Name	Resource Person	Name of the Episode 1	Name of the Episode 2	Name of the Episode 3	Name of the Episode 4	Name of the Episode 5
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Chapter 1	How, When and Where						
Chapter 2	From Trade to Territory The Company Establishes Power	Prof Ramadas & Nidhi	Trade to Territory 09:56 Min	Anglo- Mysore War	War with Marathas	Companies Policies for Expansion	Advent of the British
Chapter 3	Rulling the Countryside						
Chapter 4	Tribals, <i>Dikus</i> and the Vision of a Golden Age						
Chapter 5	When People Rebel 1857 and After						
Chapter 6	Colonialism and the City The Story of an Imperial Capital						
Chapter 7	Weavers, Iron Smelters and Factory Owners						
Chapter 8	Civilising the "Native", Educating the Nation	Prof. Malli Gandhi & Krutika	Report of William Addam Partially Done	Orientalism Partially Done	Indian view on education Partially Done		
Chapter 9	Women, Caste and Reform						
Chapter 10	The Changing World of Visual Arts						
Chapter 11	The Making of the National Movement: 1870s-1947						
Chapter 12	India after independence						

Geography

Chapters	Chapter Name	Resource Person	Name of the Episode 1	Name of the Episode 2	Name of the Episode 3	Name of the Episode 4	Name of the Episode 5
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Chapter 1	Resources	Dr Shivanand & Likhitha	Conservation of Resources 09:44 Min	What is Resources? Partially done	Natural Resources Partially done		
Chapter 2	Land, Soil, Water, Natural Vegetation and Wildlife Resources	Dr. Shivanand & Anugraha	Land, Soil, Water, Natural Vegetation and Wildlife Resources Partially Done				
Chapter 3	Mineral and Power Resources						
Chapter 4	Agriculture	Prof. Asha KVD Kamath and Mr Chandra Kumar	Agriculture 10:36 Min	Factors influencing farming and farming as a system 08:20 Min	Types of Agriculture 09:36 Min	Major Crops 09:09 Min	Agricultural Developments of India 07:00 Min
Chapter 5	Industires	Miss Rajaniruthya & Dr. Shivanand	Types of Industires Under Editing				
Chapter 6	Human Resources	Miss Subhiksha & Dr. Shivanand	Factors of Population Distribution Under Editing				
Other Programmes	Map Study	Prof. Asha KVD Kamath and Mr Chandra Kumar	Learning to read Map 07:37 Min	Scale of a Map 09:02 Min	Legend of Colours 05:55 Min	Legend of Symbols 04:52 Min	

E-Content Developed in RIE Mysuru based on Textbooks of Class VIII and EVS of Class V (Subject: English)

Chapters	Chapter Name	Resource Person	Name of the Episode 1	Name of the Episode 2	Name of the Episode 3	Name of the Episode 4	Name of the Episode 5
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Chapter 1	The Best Christmas Present in the World <i>The Ant and the Cricket</i>						
Chapter 2	The Tsunami Geography Lesson		The Tsunami Partially done	The Tsunami Ep 2 Partially done			
Chapter 3	Glimpses of the Past Macavity : The Mystery Cat	Dr. Shaji Mrs. Kaveri	Macavity: The Mystery Cat Partially done				
Chapter 4	Bepin Choudhury's Lapse of Memory The Last Bargain	Dr. Shaji M.Ed Student	The Last Bargain Under Editing				
Chapter 5	The Summit Within The School Boy	Dr. Shaji Mrs. Kaveri	School Boy Partially done	School Boy (Ep 2) Partially done			
Chapter 6	This is Jody's Fawn The Duck and the Kangaroo	Dr. Shaji M.Ed Student	The Duck & the Kangaroo 12:04 Min	The Jody's Fawn (Ep 2) Partially done	The Jody's Fawn (Ep 3) Partially done		
Chapter 7	A Visit to Cambridge When I set out for Lyonesse	Dr. Shaji & Miss. Anusha	Thomashardy Under Editing				
Chapter 8	A Short Monsoon Diary On the Grasshopper and Cricket	Dr. Shaji & Miss Krutika	On the grass hoper & the Cricket 12:20 Min	On the grass hoper & the Cricket (Ep 2) Partially done			
Chapter 9	The Great Stone Face-I	Dr. Shaji & Student	The Great Stone Face Partially Done	The Great Stone Face (Ep 2) Partially Done			
Chapter 10	The Great Stone Face-II						

E-Content Developed in RIE Mysuru based on Textbooks of Class VIII and EVS of Class V (Subject: Hindi)

Chapters	Chapter Name	Resource Person	Name of the Episode 1
Chater 1	Dhwani (Kavita)	Mrs. Chonhen Minz	Dhwani (Under Editing)
Chapter 2	Lakh ki Chudiyān (Kahani)	Mrs. Chonhen Minz	Lakh ki Chudiyān (Under Editing)
Chapter 3	Bus ki Yatra (Vyangya)	Mrs. Chonhen Minz	Bus ki yatra (Under Editing)
Chapter 4	Diwanon ki Hasti (Kavita)	Dr. Shakuntala Gowda	Diwanon ki Hasti (Under Editing)
Chapter 5	Chittiyon ki Anokhi Duniyan (Nibandh)	Mrs. Chonhen Minz	Chittiyon ki Anokhi Duniyan (Under Editing)
Chapter 6	Bhagwan ke Dakiye (Kavita)	Miss. Salma Banu	Bhagwan ke Dakiye (Under Editing)
Chapter 7	Kya Nirash Hua jaye (Nibandh)	Mrs. Chonhen Minz	Kya Nirash Hua jaye (Under Editing)
Chapter 8	Yeh sabse kathin samay nahi (Kavita)		
Chapter 9	Kabeer ke Sakhiyan	Miss. Salma Banu	Kabeer ke Sakhiyan (Under Editing)
Chapter 10	Kaam Chor (Kahani)	Dr. Shakuntala Gowda	Kaam Chor (Under Editing)
Chapter 11	Jab Cinema ne Bolna Seekha	Miss. Salma Banu	Jab Cinema ne Bolna Seekha (Under Editing)
Chapter 12	Sudama Charit (Kavita)		
Chapter 13	Jahan Pahiya Hai		
Chapter 14	Akbari Lota (Kahani)		
Chapter 15	Sur ke Padh (Kavita)		
Chapter 16	Pani ki Kahani (Nibandh)	Dr. Shakuntala Gowda	Pani ki Kahani 10:00 Min
Chapter 17	Baaz Aur Saamph (kavita)		
Chapter 18	Topi (Kahani)	Mrs. Chonhen Minz	Topi (Under Editing)

E-Content Developed in RIE Mysuru based on Textbooks of Class V EVS

Chapters	Chapter Name	Resource Person	Name of the Episode 1	Name of the Episode 2	Name of the Episode 3	Name of the Episode 4
Chapter 1	Super Senses	Dr Tangpu & Students	Super Senses 08:22 Min			
Chapter 2	A Snake Charmer's Story	Dr Tangpu	Interview with Snake Shyam 19:43 Min	Snake Charmer Story 07:36 Min	Different types of Snakes 05:46 Min	Protection of Snakes & First Aid 07:47 Min
Chapter 3	From Tasting to Digesting	Dr Tangpu & Students	Tasting to Digestion 07:08 Min			
Chapter 4	Mangoes Round the Year					
Chapter 5	Seeds and Seeds					
Chapter 6	Every Drop Counts	Dr Tangpu & Students	Every Drop Counts 06:17 Min			
Chapter 7	Experiments with Water	Dr G Nagaraj	Experiments with water 23:01 Min			

Chapter 8	A Treat for Mosquitoes	Mrs Remya	A Treat for Mosquitoes 06:26 Min			
Chapter 9	Up You Go					
Chapter 10	Walls Tells Stories					
Chapter 11	Sunitha in Space					
Chapter 12	What it is Finishes...?	Mr Pradeep	Fuels Under Editing			
Chapter 13	A Shelter so High!	Mrs Almas Fathima	A Shelter so High 9:31 Min			
Chapter 14	When the Earth Shook!	Mrs Almas Fathima	When the Earth Shook! Under Editing			
Chapter 15	Blow hot, Bolw Cold					
Chapter 16	Who will do this Work?					
Chapter 17	Across the Wall					
Chapter 18	No Place for Us?					

Chapter 19	A Seed tells a Farmer's Story					
Chapter 20	Whose Forest?	Dr Mangala	Whose Forests? 14:54 Min			
Chapter 21	Like Father, Like Daughter					
Chapter 22	On the Move Again					
Other Programmes	Science	Dr G Nagaraj	Mosaic Painting	Tread Painting	Vegetable Imprints	Leaf lets Collage
		No Cost Teaching Aid	Self Learning Materials	Preservatives Techniques	Preserving the Animals	Best out of Waste