

# NISHTHA 1.0 REPORT

DSERT, GOVT OF KARNATAKA

6/25/21

#### NISHTHA 1.0 (Elementary Level)

#### 1. Introduction

NISHTHA (National Initiative for Schools Heads' and teachers' holistic development) 1 training was conducted for all the primary level teachers of the state of Karnataka as per the NCERT guidelines. It's implemented through DIKSHA portal with the support of DIKSHA technical team.

NISHTHA is a capacity building program for "Improving Quality of School Education through Integrated Teacher Training". It aims to build competencies among all the teachers and school principals at the elementary stage. NISHTHA is the world's largest teachers' training program of its kind. The basic objective of this massive training program is to motivate and equip teachers to encourage and foster critical thinking in students. The initiative is first of its kind wherein standardized training modules are developed at national level for all States and UTs.

## 2. Need & Significance

A national level training like NISHTHA was very much in need for all the teachers of the nation. When we look at the state level in Karnataka, our teachers have already undergone more rigorous and in-depth training for all subject contents as modules under Guru Chethana training, an ambitious programme of Govt of Karnataka. Our teachers feel that NISHTHA is an addition to the Guru Chethana training program.

NISHTHA has well-structured content related to methodology and other relevant topics which are very much useful to our teachers. Our teachers liked the new content related to Art integrated learning, Leadership, Gender integration, Healthy school environment. ICT in teaching was a new world for our teachers, they liked the technology integration related topics which are essential for the 21<sup>st</sup> century classrooms.

## Objectives

The objectives are:

- 1. Improvement in learning outcomes of the students.
- 2. Creation of an enabling and enriching inclusive classroom environment.
- 3. Teachers become alert and responsive to the social, emotional, and psychological needs of students as first level counsellors.
- 4. Teachers are trained to use Art as pedagogy leading to increased creativity and innovation among students.
- 5. Teachers are trained to develop and strengthen personal-social qualities of students for their holistic development.
- 6. Creation of a healthy and safe school environment.
- 7. Integration of ICT in teaching, learning and assessment.
- 8. Developing stress free School Based Assessment focused on development of learning competencies. Teachers adopt Activity Based Learning and move away from rote learning to competency-based learning.
- 9. Teachers and School heads become aware of new initiatives in school education.
- 10. Transformation of the Heads of Schools into providing academic and administrative leadership for the schools for fostering new initiatives

#### 3. Schedule

State of Karnataka has organized NISHTHA SRG face to face training during 2019-20 at RTTC Mysore for 1166 KRPs/SRPIs of the state. Teachers and school heads training is implemented through online mode in DIKSHA portal due to covid-19. We launched training from Nov 3rd, 2020 in English and Kannada medium. Three modules were released for every fifteen days in subsequent days. Urdu and Telugu medium modules started from 15<sup>th</sup> Dec,2020.

Courses were extended as per Director, DSERT instructions due to technical issues in the portal. It helped teachers to complete the courses and achieve the state training target.

#### 4. **Modality**

#### • Orientation

We conducted a Video conference with all the DIET Nodal officers/admins/selected SRP-Ls & KRPs to orient them regarding the NISHTHA modalities and implementation. The last hour video conference was dedicated to clearing their doubts. Frequent zoom meetings were conducted to check the progress and guide them with the required support whenever required.

KRPs and teachers were oriented with the block/district level training conducted locally. Digital posters/brochures/short videos were released in the telegram/WhatsApp groups to motivate them.

#### • Development of courses

NISHTHA online English medium content translated into local language Kannada under the guidance of CTE, Mysore and CTE, Chitra Durga. We conducted a translation workshop to translate the online NISHTHA textual content. The videos were shooted in the local language in DSERT Studio. The course stitching in the diksha portal was done by technical support members in respective modules. Course content was finally reviewed and approved by CTE Lecturers and state level resource persons.

#### • Implementation strategy

NISHTHA training is implemented with the help of all the officers and nodal officers at each level. KRP is the primary technical and content support for 130+ teachers allotted. Block level help desk team to support KRP's and teachers in resolving any technical and content related issues. District level committees including DIET Nodal officers and DDPIs monitor the progress, resolve the issues at the district level and to

support blocks. CTE Mysore and CTE Chitradurga worked as state level support to DIETS to monitor, guide and support all the DIETs/districts in successful implementation.

**Communication system** 

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- State level video conferencing with all the DIETs to disseminate guidelines and resolve the queries raised by them.
- State level telegram group with all the KRPs, where every KRP can directly interact with the state team to get solutions for any technical issues, content related doubts.
- > Fresh Desk support mail id was shared to all the teachers to report the issues.
- Posters/brochures were shared in the state level telegram/whatsapp groups which are later shared in district/block level groups.
- YouTube live classes were conducted by DIETs and CTE's with the help of state level resource persons.

# • Monitoring and reporting system

- KRPs are the first level of monitoring, they monitor the progress of all teachers and report to block level.
- Block level committees including Block Resource center coordinator and Block education officer monitor all the KRPs and report to district level.
- District level committees including DIET Principal, NISHTHA nodal officer and DDPI monitor the district level progress and report to CTEs.
- > CTEs are the state level monitoring institutions under the guidance of DSERT.

# • Any other aspects taken up by states

State felt that reporting and MIS features in the DIKSHA portal are not very useful for our needs. Hence the state software team developed an in-house MIS system to monitor the NISHTHA progress by creating state/district/block level dashboards.Click below to access

 $\underline{https://sdcedn.karnataka.gov.in/TTMS/DSERTADMINMASTER/Home.aspx}$ 

# 5. **Data analysis and interpretation**

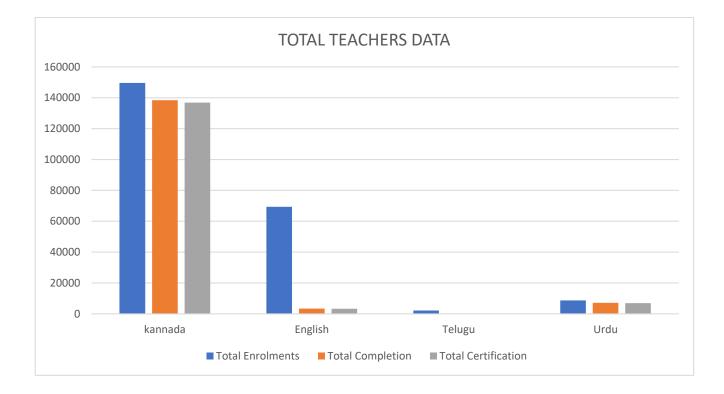
DIKSHA portal is centrally monitored directly from NCERT and DIKSHA teams. We feel they can get directly from the portal instead of asking us.

• Target.

1,52,733

• Total enrolment, completion, and certification (No of teachers. Not of instances). No of instance = 1

Instances/med ium	Total Enrolments	Total <b>Completion</b>	Total Certification
kannada	149662	138457	136835
English	69349	3412	3341
Telugu	2188	1	0
Urdu	8695	7171	6949



District	Kannada	Medium		English M	ledium		Telugu M	ledium		Urd	u Medium	
	Total Enrolm ents	Toatl Complet ion	Total Certifica tion	Total Enrolm ents	Toatl Complet ion	Total Certifica tion	Total Enrolm ents	Toatl Complet ion	Total Certifica tion	Total Enrolme nts	Toatl Complet ion	Total Certifica tion
Davanag ere	5140	4817	4774	2489	65	63	102	0	0	416	365	349
Dharwad	3997	3763	3728	2002	81	81	107	0	0	493	457	451
Gadag	3232	3047	3014	1464	31	30	40	0	0	170	142	140
Hassan	5720	5458	5376	2708	20	20	97	0	0	183	151	151
Haveri	4832	4566	4532	2196	36	36	89	0	0	677	619	603
Kalabura gi	7107	6503	6391	3263	98	97	111	0	0	693	618	601
Kodagu	1299	1258	1251	674	17	17	12	0	0	5	0	0
Kolar	4523	4310	4280	2037	94	94	74	0	0	316	295	291
Koppal	4556	4304	4270	1790	15	15	43	0	0	120	98	96
Madhugi ri	3453	3199	3150	1646	37	36	41	0	0	75	31	30
Mandya	4202	3933	3884	2029	21	21	64	0	0	109	84	82
Mysuru	6037	5604	5535	2755	159	155	88	0	0	189	139	136
Raichur	5734	5402	5333	2178	81	81	42	0	0	240	206	197
Ramana gara	3019	2795	2778	1468	141	138	26	0	0	123	53	48

# **Course wise analysis - enrolment, completion and certification(No instances).(Statewide)**

• Course wise analysis - enrolment, completion and certification (No of teachers). Kannada Medium

kannada								
Module Name	Total Enrolments	Total Completion	Total Certification					
KA_1_ಪಠ್ಯಕ್ರಮ ಮತ್ತು ಸಮನ್ವಯ ತರಗತಿ ಕೋಣೆಗಳು	146512	143849	143849					
KA_2_ಸುರಕ್ಷಿತ ಮತ್ತು ಆರೋಗ್ಯಕರ ಶಾಲಾ ಪರಿಸರ ನಿರ್ಮಾಣಕ್ಕಾಗಿ (ವೈ.ಸಾ.ಗು) ಅಭಿವೃದ್ಧಿ	144329	142938	142937					
KA_3_ ಶಾಲೆಗಳಲ್ಲಿ ಆರೋಗ್ಯ ಮತ್ತು ಕ್ಷೇಮ	143625	142833	142833					
KA_4 – ಬೋಧನಾ ಕಲಿಕಾ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಜೆಂಡರ್ ಸಮನ್ವಯತೆ	143395	142547	142547					
KA_5_ ಐಸಿಟಿ ಸಮ್ಮಿಳಿತ ಬೋಧನೆ, ಕಲಿಕೆ ಮತ್ತು ಮೌಲ್ಯಾಂಕನ	143309	142523	142523					
Ka_6_ಕಲಾ ಸಮ್ಮಿಳಿತ ಕಲಿಕೆ	142713	142007	142007					
KA_7_ಶಾಲಾ ಆಧಾರಿತ ಮೌಲ್ಯಾಂಕನ	143373	142576	142576					
KA_8_ಪರಿಸರ ಅಧ್ಯಯನ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	143476	142792	142792					
KA_9_ಗಣಿತದ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	142571	141793	141793					
KA_10_ಸಮಾಜವಿಜ್ಞಾನದ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	142331	141368	141368					
KA_11_ಭಾಷಾ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	141734	140936	140936					
KA_12_ವಿಜ್ಞಾನ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	141506	140828	140828					
KA_13_ಶಾಲಾ ನಾಯಕತ್ವ: ಪರಿಕಲ್ಪನೆ ಮತ್ತು ಅನ್ವಯ	141183	140514	140514					

KA_14_ಶಾಲಾ ಶಿಕ್ಷಣದಲ್ಲಿ ಉಪಕ್ರಮಗಳು	141248	140635	140635
KA_15_ಶಾಲಾ ಪೂರ್ವ ಶಿಕ್ಷಣ	141061	140488	140488
KA_16_ವೃತ್ತಿಪೂರ್ವ ಶಿಕ್ಷಣ	141318	140714	140714
KA_17_ಕೋವಿಡ್-19 ರ ಸನ್ನಿವೇಶ: ಶಾಲಾ ಶಿಕ್ಷಣದಲ್ಲಿನ ಸವಾಲುಗಳನ್ನು	141114	140567	140567
ಎದುರಿಸುವುದು			
KA_18_ಮಕ್ಕಳ ಹಕ್ಕುಗಳು, CSA, POCSO 2012	141145	140550	140550

English Medium							
Module Name	Total Enrolments	Total Completion	Total Certification				
KA_1_Curriculum and Inclusive Classroom	19432	6001	6001				
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	19449	6058	6058				
KA_3_Health and Well-being in Schools	19621	6233	6233				
KA_4_Integrating gender in the teaching lerarning process	22749	6741	6741				
KA_5_Integration of ICT in Teaching, Learning and Assessment	13264	5368	5368				
KA_6_Art Integrated Learning	8935	5220	5220				
KA_7_School Based Assessment	10267	5272	5272				
KA_8_Pedagogy of Environmental Studies	7673	4765	4765				
KA-9_Pedagogy of Mathematics	9198	4814	4814				
KA_10_Pedagogy of Social Sciences	6334	4352	4352				
KA_11_Pedagogy of Languages	5489	4290	4290				
KA_12_Pedagogy of Science	5570	4229	4229				
KA_13_School Leadership: Concepts and Applications	7038	4352	4352				
KA_14_Initiatives in School Education	5237	4027	4027				
KA_15_Preschool Education	5365	4034	4034				
KA_16_Pre-vocational Education	5877	4109	4109				
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	5813	4067	4067				
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	4740	4000	4000				

Urdu Medium						
Module Name	Total Enrolments	Total Completion	Total Certification			
KA_1_Curriculum and Inclusive Classroom	8195	7745	7745			
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	7743	7593	7593			
KA_3_Health and Well-being in Schools	7720	7562	7562			
KA_4_Integrating gender in the teaching lerarning process	7704	7538	7538			
KA_5_Integration of ICT in Teaching, Learning and Assessment	7569	7471	7471			
KA_6_Art Integrated Learning	7642	7470	7470			
KA_7_School Based Assessment	7553	7463	7463			
KA_8_Pedagogy of Environmental Studies	7537	7440	7440			
KA-9_Pedagogy of Mathematics	7490	7391	7391			
KA_10_Pedagogy of Social Sciences	7543	7419	7419			
KA_11_Pedagogy of Languages	7476	7396	7396			
KA_12_Pedagogy of Science	7445	7351	7351			
KA_13_School Leadership: Concepts and Applications	7505	7398	7398			
KA_14_Initiatives in School Education	7471	7392	7392			
KA_15_Preschool Education	7438	7364	7364			
KA_16_Pre-vocational Education	7402	7330	7330			
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	7393	7319	7319			
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	7370	7293	7293			

Telugu Medium					
Module Name	Total Enrolments	Total Completion	Total Certification		
KA_1_Curriculum and Inclusive Classroom	271	13	13		
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	225	12	12		
KA_3_Health and Well-being in Schools	281	10	10		
KA_4_Integrating gender in the teaching lerarning process	129	7	0		
KA_5_Integration of ICT in Teaching, Learning and Assessment	98	6	0		
KA_6_Art Integrated Learning	115	8	0		
KA_7_School Based Assessment	66	5	5		
KA_8_Pedagogy of Environmental Studies	193	7	7		
KA-9_Pedagogy of Mathematics	125	5	5		
KA_10_Pedagogy of Social Sciences	121	9	9		
KA_11_Pedagogy of Languages	266	27	27		
KA_12_Pedagogy of Science	310	14	14		
KA_13_School Leadership: Concepts and Applications	131	7	7		
KA_14_Initiatives in School Education	58	8	8		
KA_15_Preschool Education	71	8	8		
KA_16_Pre-vocational Education	24	3	3		
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	28	3	3		
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	22	2	2		

# • District wise analysis - enrolment, completion and certification (No of teachers)

District	One Medium	Two Medium	Three Medium	Four Medium
	122	0	0	0
Agra	6	0	0	0
Aligarh	1	0	0	0
Bagalkot	5799	31	0	0
Ballari	5871	9	0	0
Belagavi	5689	21	0	0
Bengaluru North	2046	42	1	0
Bengaluru Rural	2861	6	0	0
Bengaluru South	3326	24	0	0
Bidar	4123	11	0	0
Chamarajanagara	2371	10	2	0
Chikkaballapura	3719	9	0	0
Chikkamagaluru	3717	11	1	0
Chikkodi	6413	20	0	0
Chitradurga	5509	14	0	0
Dakshina Kannada	3291	3	0	0

District	One Medium	Two Medium	Three Medium	Four Medium
Davanagere	5119	32	1	0
Dharwad	4246	7	0	0
Gadag	3158	13	0	0
Hassan	5509	13	4	0
Haveri	5147	12	0	0
Kalaburagi	7037	26	0	0
Kodagu	1262	3	0	0
Kolar	4657	4	0	0
Koppal	4365	8	0	0
Madhugiri	3204	6	0	0
Mandya	3969	9	0	0
Mysuru	5791	16	1	0
Raichur	5609	1	0	0
Ramanagara	2920	22	0	0
Shivamogga	5351	32	0	0
Sirsi	3039	5	0	0
Tumakuru	4990	38	1	0
Udupi	1979	1	1	0
Uttara Kannada	2755	13	0	0
Vijayapura	7934	54	0	0
Yadgir	3107	12	0	0

# • Medium wise combinations

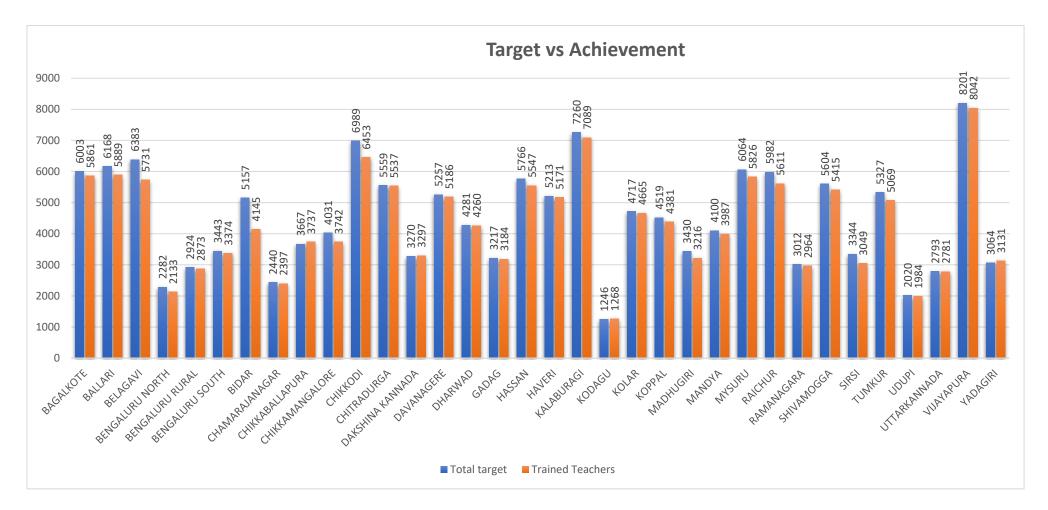
One Medium	Two Medium	Three Medium	Four Medium
146013	538	12	0

Medium Combinations	Teachers
kannada	136521
urdu	6470
english	3022
english,urdu	236
english,kannada	71
Kannada,urdu	231
english,kannada,urdu	12

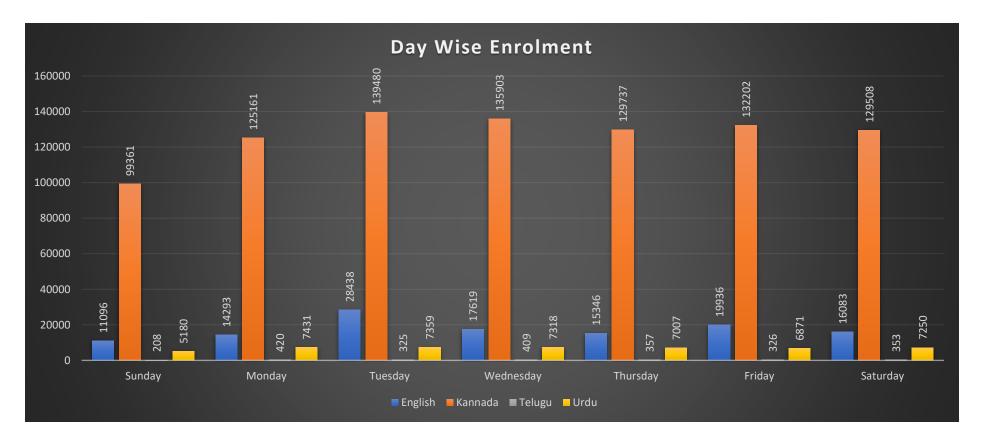
SI	District	No. of teachers who teach classes1 & 3	No. of teachers who teach classes 4 & 5	No. of teachers who teach classes6 to 8	Total Phy ( 1 to 8)	Trained Teachers Count
1	BAGALKOTE	2093	1606	2304	6003	5861
2	BALLARI	2227	1647	2294	6168	5889
3	BELAGAVI	2281	1734	2368	6383	5731
4	BENGALURU NORTH	822	650	810	2282	2133
5	BENGALURU RURAL	1207	926	791	2924	2873
6	BENGALURU SOUTH	1304	985	1154	3443	3374
7	BIDAR	1871	1441	1845	5157	4145
8	CHAMARAJANAGAR	940	700	800	2440	2397
9	CHIKKABALLAPURA	1574	1166	927	3667	3737
10	CHIKKAMANGALORE	1605	1197	1229	4031	3742
11	CHIKKODI	2580	1811	2598	6989	6453
12	CHITRADURGA	2128	1636	1795	5559	5537
13	DAKSHINA KANNADA	1181	843	1246	3270	3297
14	DAVANAGERE	1961	1527	1769	5257	5186

15	DHARWAD	1444	1136	1701	4281	4260
16	GADAG	1113	871	1233	3217	3184
17	HASSAN	2397	1833	1536	5766	5547
18	HAVERI	1881	1449	1883	5213	5171
19	KALABURAGI	2714	2000	2546	7260	7089
20	KODAGU	473	306	467	1246	1268
21	KOLAR	2030	1568	1119	4717	4665
22	KOPPAL	1620	1220	1679	4519	4381
23	MADHUGIRI	1404	1094	932	3430	3216
24	MANDYA	1731	1164	1205	4100	3987
25	MYSURU	2340	1834	1890	6064	5826
26	RAICHUR	2261	1628	2093	5982	5611
27	RAMANAGARA	1335	941	736	3012	2964
28	SHIVAMOGGA	2204	1625	1775	5604	5415
29	SIRSI	1328	941	1075	3344	3049
30	TUMKUR	2217	1809	1301	5327	5069
31	UDUPI	745	570	705	2020	1984

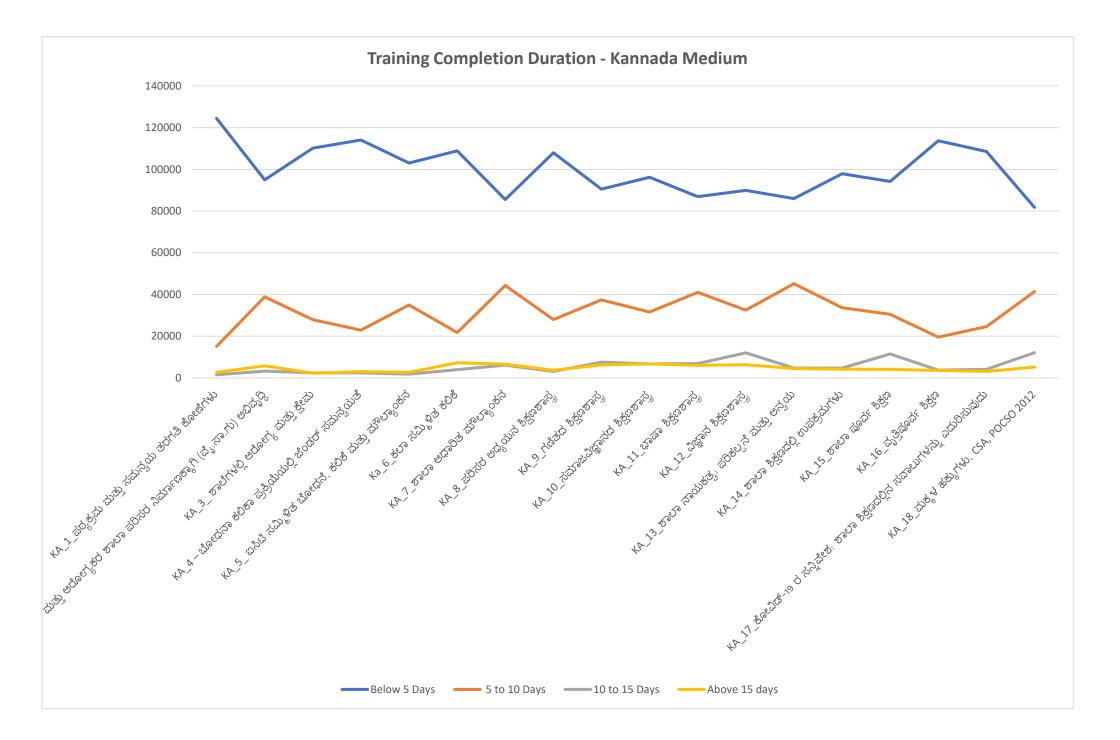
32	UTTARKANNADA	1092	850	851	2793	2781
33	VIJAYAPURA	2996	2301	2904	8201	8042
34	YADAGIRI	1263	865	936	3064	3131
	TOTAL	58362	43874	50497	152733	146995



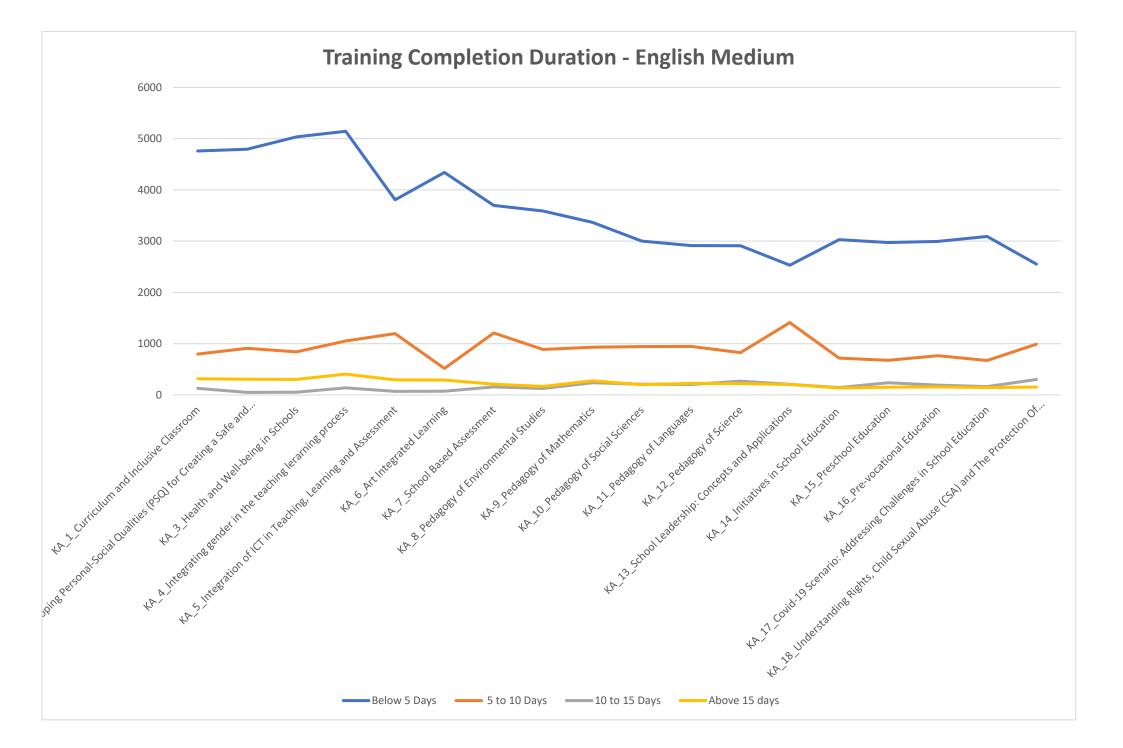
Day wise Enrolment						
Day	English	Kannada	Telugu	Urdu		
Sunday	11096	99361	208	5180		
Monday	14293	125161	420	7431		
Tuesday	28438	139480	325	7359		
Wednesday	17619	135903	409	7318		
Thursday	15346	129737	357	7007		
Friday	19936	132202	326	6871		
Saturday	16083	129508	353	7250		



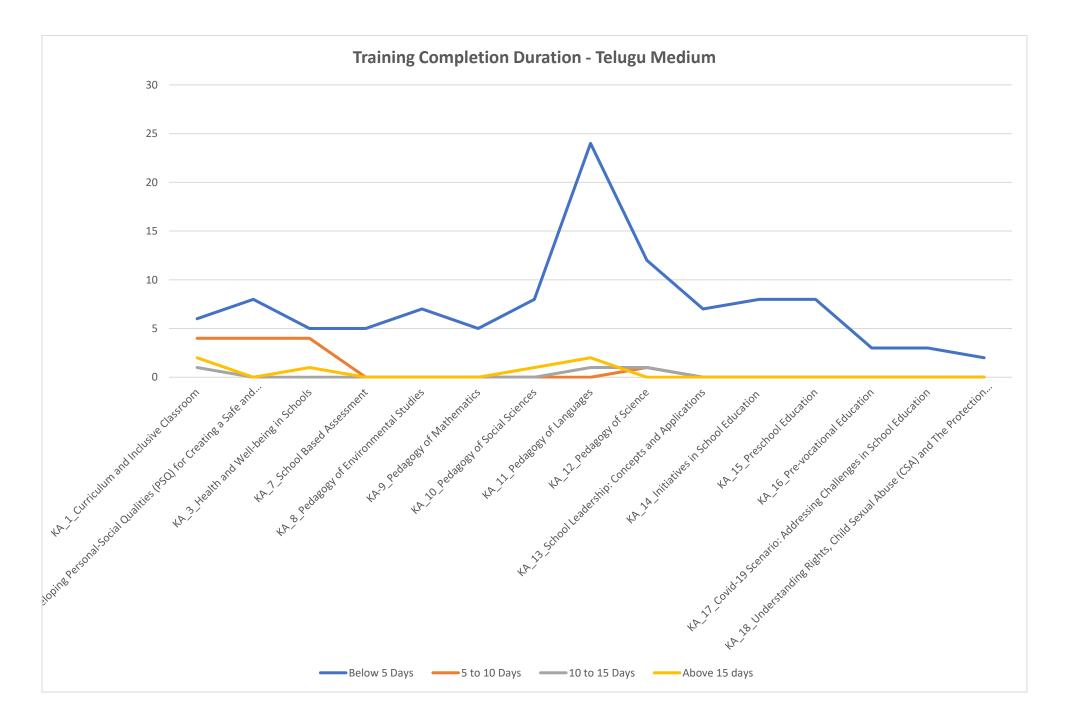
Training Complet	tion Duration			
Kanna	da			
Module Name	Below 5 Days	5 to 10 Days	10 to 15 Days	Above 15 days
KA_1_ಪಠ್ಯಕ್ರಮ ಮತ್ತು ಸಮನ್ವಯ ತರಗತಿ ಕೋಣೆಗಳು	124429	15154	1545	2721
KA_2_ಸುರಕ್ಷಿತ ಮತ್ತು ಆರೋಗ್ಯಕರ ಶಾಲಾ ಪರಿಸರ ನಿರ್ಮಾಣಕ್ಕಾಗಿ (ವೈ.ಸಾ.ಗು) ಅಭಿವೃದ್ಧಿ	94967	38889	3270	5811
KA_3_ ಶಾಲೆಗಳಲ್ಲಿ ಆರೋಗ್ಯ ಮತ್ತು ಕ್ಷೇಮ	110144	27941	2448	2300
KA_4 – ಬೋಧನಾ ಕಲಿಕಾ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಜೆಂಡರ್ ಸಮನ್ವಯತೆ	114088	22961	2425	3073
KA_5_ ಐಸಿಟಿ ಸಮ್ಮಿಳಿತ ಬೋಧನೆ, ಕಲಿಕೆ ಮತ್ತು ಮೌಲ್ಯಾಂಕನ	103001	34959	1885	2678
Ka_6_ಕಲಾ ಸಮ್ಮಿಳಿತ ಕಲಿಕೆ	108846	21819	4023	7319
KA_7_ಶಾಲಾ ಆಧಾರಿತ ಮೌಲ್ಯಾಂಕನ	85529	44325	6134	6588
KA_8_ಪರಿಸರ ಅಧ್ಯಯನ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	107928	28017	3174	3673
KA_9_ಗಣಿತದ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	90496	37419	7566	6312
KA_10_ಸಮಾಜವಿಜ್ಞಾನದ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	96203	31635	6747	6783
KA_11_ಭಾಷಾ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	86936	41015	6905	6080
KA_12_ವಿಜ್ಞಾನ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	89901	32523	12046	6358
KA_13_ಶಾಲಾ ನಾಯಕತ್ವ. ಪರಿಕಲ್ಪನೆ ಮತ್ತು ಅನ್ವಯ	85988	45194	4799	4533
KA_14_ಶಾಲಾ ಶಿಕ್ಷಣದಲ್ಲಿ ಉಪಕ್ರಮಗಳು	97914	33683	4798	4240
KA_15_ಶಾಲಾ ಪೂರ್ವ ಶಿಕ್ಷಣ	94216	30569	11535	4168
KA_16_ವೈತ್ತಿಪೂರ್ವ ಶಿಕ್ಷಣ	113731	19576	3780	3627
KA_17_ಕೋವಿಡ್-19 ರ ಸನ್ನಿವೇಶ. ಶಾಲಾ ಶಿಕ್ಷಣದಲ್ಲಿನ ಸವಾಲುಗಳನ್ನು ಎದುರಿಸುವುದು	108589	24647	4149	3182
KA_18_ಮಕ್ಕಳ ಹಕ್ಕುಗಳು, CSA, POCSO 2012	81740	41411	12149	5250



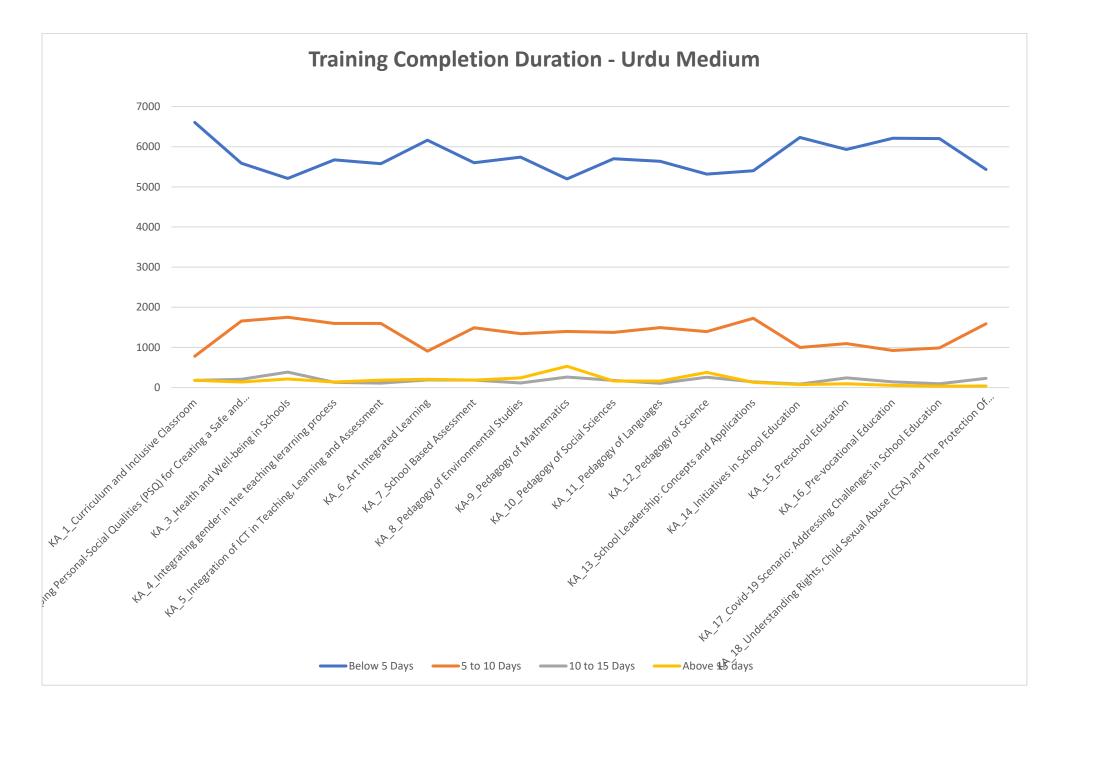
Training Completion Duration						
English	Medium					
Module Name	Below 5 Days	5 to 10 Days	10 to 15 Days	Above 15 days		
KA_1_Curriculum and Inclusive Classroom	4760	796	129	316		
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	4794	910	49	305		
KA_3_Health and Well-being in Schools	5035	841	55	302		
KA_4_Integrating gender in the teaching lerarning process	5144	1052	139	406		
KA_5_Integration of ICT in Teaching, Learning and Assessment	3808	1197	70	293		
KA_6_Art Integrated Learning	4342	517	71	290		
KA_7_School Based Assessment	3698	1208	156	210		
KA_8_Pedagogy of Environmental Studies	3588	888	124	165		
KA-9_Pedagogy of Mathematics	3367	932	239	276		
KA_10_Pedagogy of Social Sciences	3002	942	209	199		
KA_11_Pedagogy of Languages	2915	947	203	225		
KA_12_Pedagogy of Science	2911	826	270	222		
KA_13_School Leadership: Concepts and Applications	2531	1412	206	203		
KA_14_Initiatives in School Education	3028	719	144	136		
KA_15_Preschool Education	2974	674	237	149		
KA_16_Pre-vocational Education	2994	766	192	157		
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	3091	671	162	143		
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	2553	991	302	154		



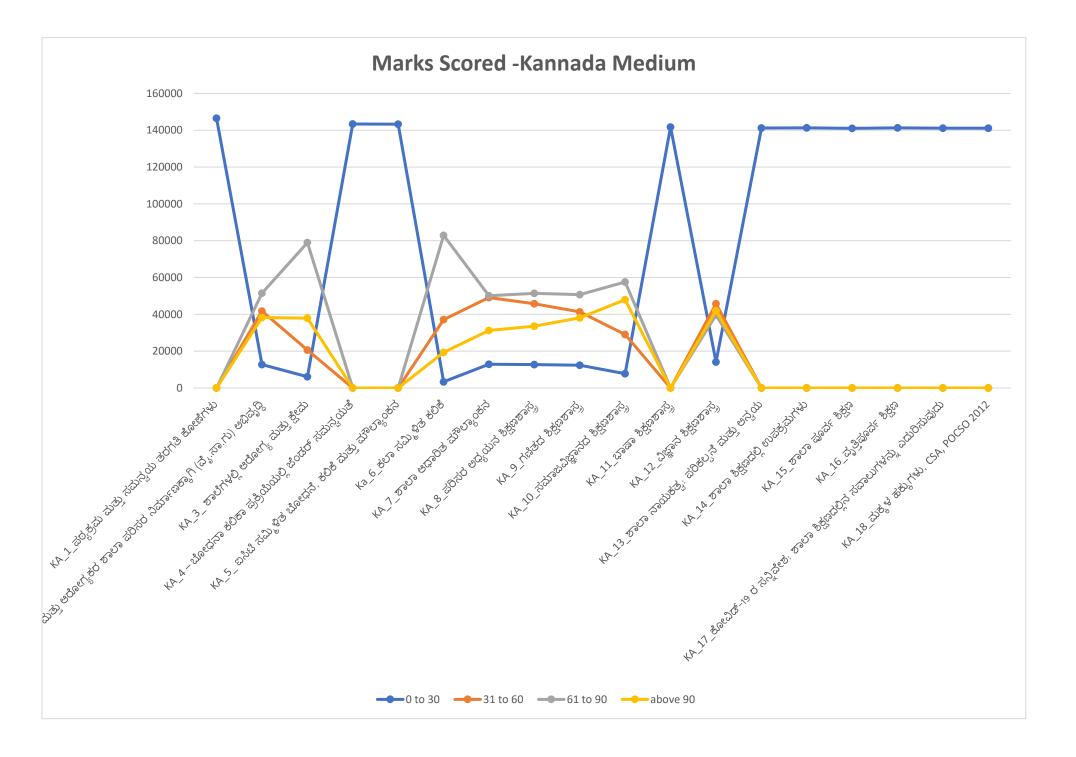
Training Completion Duration							
Telugu							
Module Name	Below 5 Days	5 to 10 Days	10 to 15 Days	Above 15 days			
KA_1_Curriculum and Inclusive Classroom	6	4	1	2			
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	8	4	0	0			
KA_3_Health and Well-being in Schools	5	4	0	1			
KA_7_School Based Assessment	5	0	0	0			
KA_8_Pedagogy of Environmental Studies	7	0	0	0			
KA-9_Pedagogy of Mathematics	5	0	0	0			
KA_10_Pedagogy of Social Sciences	8	0	0	1			
KA_11_Pedagogy of Languages	24	0	1	2			
KA_12_Pedagogy of Science	12	1	1	0			
KA_13_School Leadership: Concepts and Applications	7	0	0	0			
KA_14_Initiatives in School Education	8	0	0	0			
KA_15_Preschool Education	8	0	0	0			
KA_16_Pre-vocational Education	3	0	0	0			
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	3	0	0	0			
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	2	0	0	0			



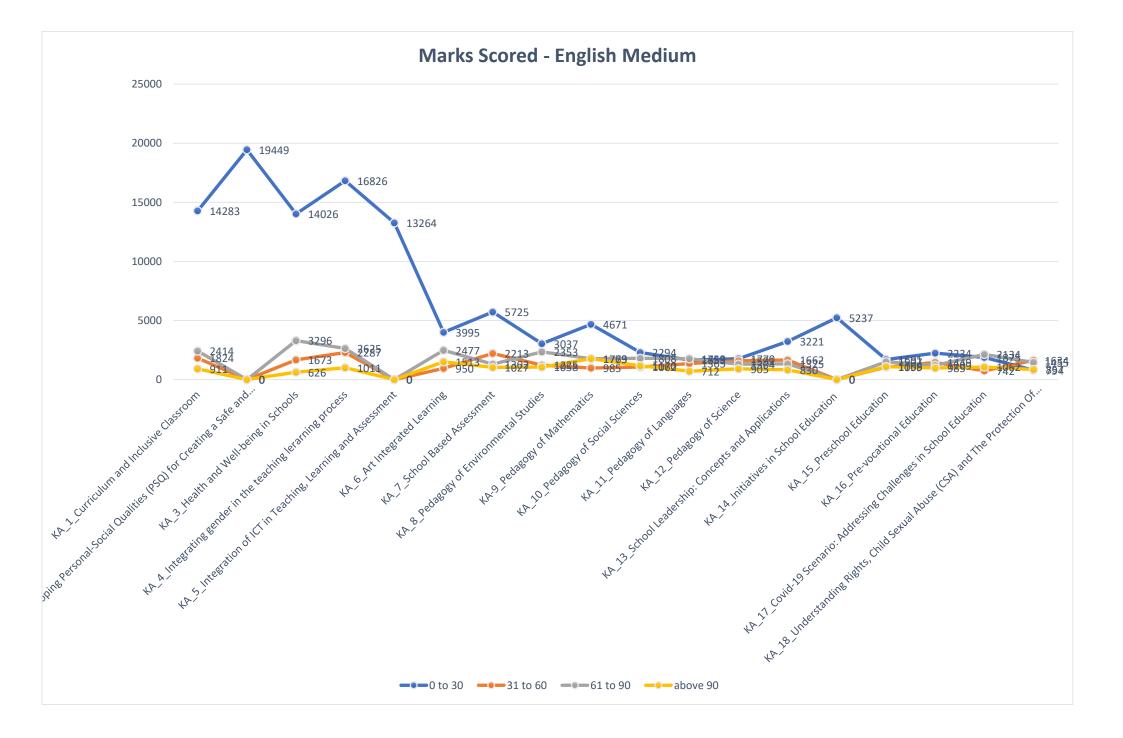
Training Completion Duration							
Urdu							
Module Name	Below 5 Days	5 to 10 Days	10 to 15 Days	Above 15 days			
KA_1_Curriculum and Inclusive Classroom	6606	780	177	182			
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	5590	1659	207	137			
KA_3_Health and Well-being in Schools	5210	1752	386	214			
KA_4_Integrating gender in the teaching lerarning process	5673	1597	131	137			
KA_5_Integration of ICT in Teaching, Learning and Assessment	5577	1599	110	185			
KA_6_Art Integrated Learning	6163	909	192	206			
KA_7_School Based Assessment	5601	1489	188	185			
KA_8_Pedagogy of Environmental Studies	5741	1343	115	241			
KA-9_Pedagogy of Mathematics	5197	1399	264	531			
KA_10_Pedagogy of Social Sciences	5701	1376	180	162			
KA_11_Pedagogy of Languages	5635	1493	105	163			
KA_12_Pedagogy of Science	5318	1396	259	378			
KA_13_School Leadership: Concepts and Applications	5403	1725	141	129			
KA_14_Initiatives in School Education	6231	1000	87	74			
KA_15_Preschool Education	5931	1097	242	94			
KA_16_Pre-vocational Education	6209	923	141	57			
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	6204	986	94	35			
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	5434	1590	230	39			



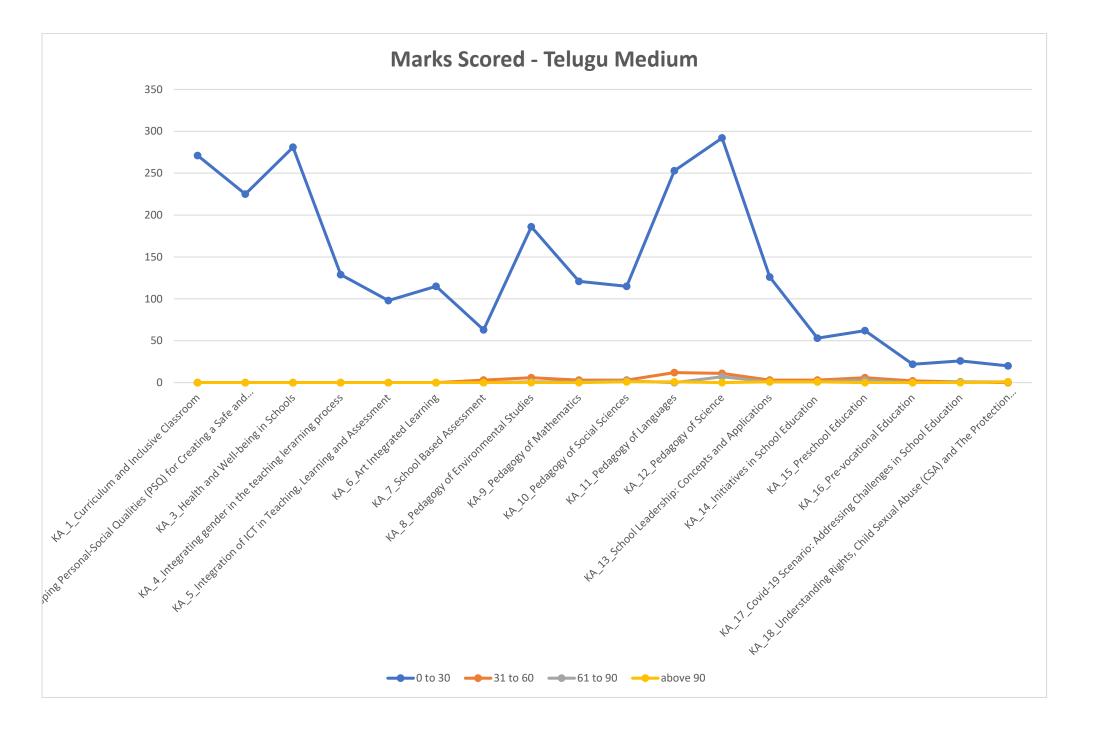
Marks Scored				
Kannada				
Module Name	0 to 30	31 to 60	61 to 90	above 90
KA_1_ಪಠ್ಯಕ್ರಮ ಮತ್ತು ಸಮನ್ವಯ ತರಗತಿ ಕೋಣೆಗಳು	146512	0	0	0
KA_2_ಸುರಕ್ಷಿತ ಮತ್ತು ಆರೋಗ್ಯಕರ ಶಾಲಾ ಪರಿಸರ ನಿರ್ಮಾಣಕ್ಕಾಗಿ (ವೈ.ಸಾ.ಗು) ಅಭಿವೃದ್ಧಿ	12719	41755	51532	38323
KA_3_ ಶಾಲೆಗಳಲ್ಲಿ ಆರೋಗ್ಯ ಮತ್ತು ಕ್ಷೇಮ	6138	20638	78940	37909
KA_4 – ಬೋಧನಾ ಕಲಿಕಾ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಜೆಂಡರ್ ಸಮನ್ವಯತೆ	143395	0	0	0
KA_5_ ಐಸಿಟಿ ಸಮ್ಮಿಳಿತ ಬೋಧನೆ, ಕಲಿಕೆ ಮತ್ತು ಮೌಲ್ಯಾಂಕನ	143309	0	0	0
Ka_6_ಕಲಾ ಸಮ್ಮಿಳಿತ ಕಲಿಕೆ	3372	37156	82894	19291
KA_7_ಶಾಲಾ ಆಧಾರಿತ ಮೌಲ್ಯಾಂಕನ	12925	49117	50080	31251
KA_8_ಪರಿಸರ ಅಧ್ಯಯನ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	12741	45750	51379	33606
KA_9_ಗಣಿತದ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	12406	41306	50719	38140
KA_10_ಸಮಾಜವಿಜ್ಞಾನದ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	7760	29074	57551	47946
KA_11_ಭಾಷಾ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	141734	0	0	0
KA_12_ವಿಜ್ಞಾನ ಶಿಕ್ಷಣಶಾಸ್ತ್ರ	14077	45790	39607	42032
KA_13_ಶಾಲಾ ನಾಯಕತ್ವ. ಪರಿಕಲ್ಪನೆ ಮತ್ತು ಅನ್ವಯ	141183	0	0	0
KA_14_ಶಾಲಾ ಶಿಕ್ಷಣದಲ್ಲಿ ಉಪಕ್ರಮಗಳು	141248	0	0	0
KA_15_ಶಾಲಾ ಪೂರ್ವ ಶಿಕ್ಷಣ	141061	0	0	0
KA_16_ವೃತ್ತಿಪೂರ್ವ ಶಿಕ್ಷಣ	141318	0	0	0
KA_17_ಕೋವಿಡ್-19 ರ ಸನ್ನಿವೇಶ. ಶಾಲಾ ಶಿಕ್ಷಣದಲ್ಲಿನ ಸವಾಲುಗಳನ್ನು ಎದುರಿಸುವುದು	141114	0	0	0
KA_18_ಮಕ್ಕ ಳ ಹಕ್ಕುಗಳು, CSA, POCSO 2012	141145	0	0	0



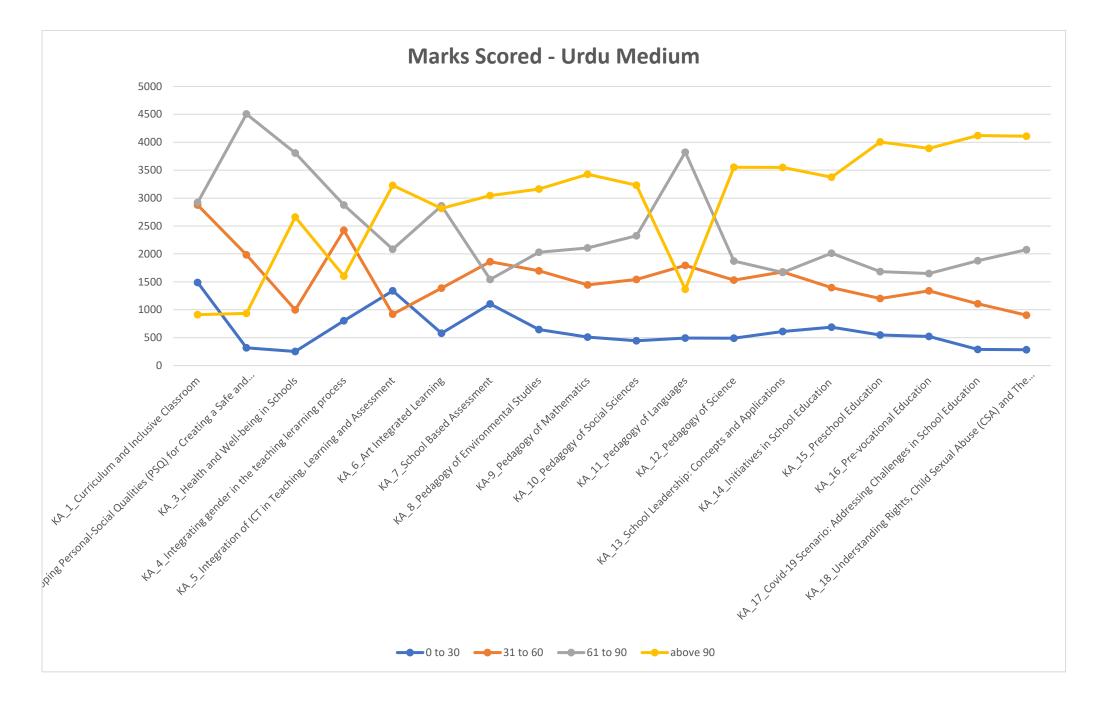
Marks Scored							
English							
Module Name	0 to 30	31 to 60	61 to 90	above 90			
KA_1_Curriculum and Inclusive Classroom	14283	1824	2414	911			
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	19449	0	0	0			
KA_3_Health and Well-being in Schools	14026	1673	3296	626			
KA_4_Integrating gender in the teaching lerarning process	16826	2287	2625	1011			
KA_5_Integration of ICT in Teaching, Learning and Assessment	13264	0	0	0			
KA_6_Art Integrated Learning	3995	950	2477	1513			
KA_7_School Based Assessment	5725	2213	1302	1027			
KA_8_Pedagogy of Environmental Studies	3037	1225	2353	1058			
KA-9_Pedagogy of Mathematics	4671	985	1769	1773			
KA_10_Pedagogy of Social Sciences	2294	1062	1808	1170			
KA_11_Pedagogy of Languages	1653	1365	1759	712			
KA_12_Pedagogy of Science	1770	1591	1304	905			
KA_13_School Leadership: Concepts and Applications	3221	1662	1325	830			
KA_14_Initiatives in School Education	5237	0	0	0			
KA_15_Preschool Education	1691	1059	1507	1108			
KA_16_Pre-vocational Education	2234	1449	1209	985			
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	1875	742	2134	1062			
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	794	1634	1455	857			



Marks Scored								
Telugu								
Module Name	0 to 30	31 to 60	61 to 90	above 90				
KA_1_Curriculum and Inclusive Classroom	271	0	0	0				
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	225	0	0	0				
KA_3_Health and Well-being in Schools	281	0	0	0				
KA_4_Integrating gender in the teaching lerarning process	129	0	0	0				
KA_5_Integration of ICT in Teaching, Learning and Assessment	98	0	0	0				
KA_6_Art Integrated Learning	115	0	0	0				
KA_7_School Based Assessment	63	3	0	0				
KA_8_Pedagogy of Environmental Studies	186	6	1	0				
KA-9_Pedagogy of Mathematics	121	3	1	0				
KA_10_Pedagogy of Social Sciences	115	3	2	1				
KA_11_Pedagogy of Languages	253	12	0	1				
KA_12_Pedagogy of Science	292	11	7	0				
KA_13_School Leadership: Concepts and Applications	126	3	1	1				
KA_14_Initiatives in School Education	53	3	1	1				
KA_15_Preschool Education	62	6	3	0				
KA_16_Pre-vocational Education	22	2	0	0				
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	26	1	1	0				
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	20	0	1	1				



Marks Scored								
Urdu								
Module Name	0 to 30	31 to 60	61 to 90	above 90				
KA_1_Curriculum and Inclusive Classroom	1488	2875	2920	912				
KA_2_Developing Personal-Social Qualities (PSQ) for Creating a Safe and Healthy School Environment	318	1985	4505	935				
KA_3_Health and Well-being in Schools	253	999	3807	2661				
KA_4_Integrating gender in the teaching lerarning process	803	2423	2876	1602				
KA_5_Integration of ICT in Teaching, Learning and Assessment	1338	921	2083	3227				
KA_6_Art Integrated Learning	579	1387	2862	2814				
KA_7_School Based Assessment	1105	1861	1543	3044				
KA_8_Pedagogy of Environmental Studies	646	1698	2031	3162				
KA-9_Pedagogy of Mathematics	512	1445	2107	3426				
KA_10_Pedagogy of Social Sciences	444	1543	2324	3232				
KA_11_Pedagogy of Languages	493	1794	3821	1368				
KA_12_Pedagogy of Science	490	1531	1871	3553				
KA_13_School Leadership: Concepts and Applications	611	1677	1668	3549				
KA_14_Initiatives in School Education	689	1396	2012	3374				
KA_15_Preschool Education	549	1202	1683	4004				
KA_16_Pre-vocational Education	523	1339	1650	3890				
KA_17_Covid-19 Scenario: Addressing Challenges in School Education	289	1107	1877	4120				
KA_18_Understanding Rights, Child Sexual Abuse (CSA) and The Protection Of Children from Sexual Offences (POCSO) Act, 2012	285	903	2075	4107				



# 6. **Issues and Challenges**

- Teachers faced a Login issue in DIKSHA portal due to SSO implementation. Many teachers were unable to register/login.
- Login page problem
- Password reset was an issue due to OTP issues in diksha portal.
- The DIKSHA Android app was not consistent in different phones and android versions. It was not behaving consistently in all the mobile phones.
- Many times, teachers faced OTP not received issues in diksha portal.
- Mobile number update issue
- Diksha had My state courses feature, which was very useful. Our teachers used this nicely. Later it was removed without any information.
- Pdf files were not displaying diksha app/portal.
- Some activities like h5p, padlet not opening in some phones/versions.
- Course completion status shows On-going issue even though teachers have completed the course.
- Diksha Course can be completed within 5 minutes just by scrolling text content, dragging video content. Please take measures to avoid this.
- Certificate issues others name, name not displaying, ????,
- Certificate regenerate not working.
- Administrative controls for states are very less in diksha.
- Automatic app logout due to diksha update. difficult to login.
- Login works in a few mobiles ... few mobiles it was not working.

# 7. Key Learnings

- Online courses are a cost-effective way to achieve desired results with minimum use of resources. It acted like a saviour during the times of COVID.
- Our teachers can adapt to new innovative technologies in less time.
- State should have its own system instead of depending on others, to achieve better results.
- NCERT will never reply to our queries even after multiple letters.
- DIKSHA technical/support teams will rarely resolve our issues, instead they will ask the details which we may not be able to give. After a few days they will close the ticket saying "Inactivity". We wonder whose inactivity.
- The DIKSHA app will behave differently on different devices and at different times. The behaviour is unpredictable.
- DIKSHA support will never support us.. If we ask them, then they will label our state as "Negative State" instead of accepting their faults and rectifying it.

#### 8. Suggestions

#### <u>KRP Dashboard</u>

Each KRP has to guide, monitor and report the progress of 150 teachers allotted to him. Presently there is no way to check the progress in the DIKSHA portal. We need a KRP wise dashboard to review the progress of allotted teachers.

## <u>Cluster, Block & District level logins & Dashboards</u>

We have administrative staff at Cluster, Block & District levels. Currently there is no way to monitor the progress of teachers at these levels. We need logins for all these level officers and real time live dashboards for better monitoring and implementation. Current system of **downloading CSV from DIKSHA is not an ideal system** as it involves a lot of manual work, moreover our staff members are academicians/teachers and they are not software engineers. Hence we need logins for all these level officers and real time live dashboards for better monitoring and implementation.

#### Instant Online Certificate Delivery

Currently DIKSHA portal takes around 7 to 14 days for certificate generation. As each teacher has to finish 3 courses in a span of 15 days. It will be a good appreciation for teachers If he gets the certificate instantly rather than waiting for 14 days. In order to sustain interest and motivation we need instant certification generation or in the worst case it should be delivered within 24 hours.

#### <u>Customizing Karnataka tenant home page</u>

We need the customization of the Karnataka tenant home page. We need details regarding Current courses in progress, upcoming courses, FAQs, Help Videos, Announcements..etc. in our tenant home page. We requested the DIKSHA team to customize as per our requirements but it never happened.

#### • Open ended questions

We need an option to collect answers for Open ended questions from teachers. Currently there is no such facility in DIKSHA. We are forced to use Blog/Padlet due to this reason, where teachers have to visit external sites. We feel it is better to have it in the DIKSHA portal.

#### • Support for External HTML Links

Currently DIKSHA doesn't support external links, as per guidelines we have to use either padlet/blog for open ended questions. Sometimes we may have to refer to external pages/websites as an additional reading. We feel diksha should provide support for external HTML links.

## • <u>Technical issues in SSO integration</u>

We are running a test course for our KRPs. We have received a lot of complaints regarding the login process. We request the DIKSHA team to resolve our technical issues within 24 hours.

## • Migrating Karnataka Tenant to Karnataka State Data Centre

We propose to take steps to migrate Karnataka tenants to our state data centre. We feel we can have better control over the contents/courses if we own the data.

## • Form for pre-test & post-test

We need a form(similar to google form) to conduct pre-test and post-test in Diksha portal.

- **Dash boards :** Dash boards for taluk/district/ Cluster level in diksha portal are required for monitoring.
- Many times DIKSHA has behaved in a dictator way rather than a democratic way. Diksha should consult states while bringing in major changes.
- There is a lot of communication gap between Diksha developers, POC's and NCERT. We were getting different answers from these different people. We feel synergy is important while implementing such a large project.
- We requested many features during the beginning of DIKSHA, even after one year of implementation none of them were implemented. Diksha does what it wants rather than what we need in the field.
- The issues were not solved in time by the DIKSHA team. They were taking 15 days to solve a problem, but meanwhile teachers must have lost interest. There should be time sensitive support.

- Reports are required for state monitoring- daily course wise, average video time, average course consumption time,
- Service level logins for support activities not provided for states. Diksha portal is not much decentralised.
- Diksha support did not resolve our queries. they were asking unnecessary details. It delayed the support activities.
- Teacher wise progress report for state was not available in diksha portal.
- "Import questions option" required in quiz activity creation.
- External links should be supported in diksha portals.
- During course stitching/review only our state content should be shown instead of entire contents.
- It is better to change our state POCs of DIKSHA. we couldn't get much support for diksha state works.

# 9. Conclusion

Diksha training is successful due to the commendable efforts of our KRP's and teachers. We really struggled to implement the training as its completely new way of learning for our teachers. In Spite of a lot of struggles we underwent we were able to achieve the results. We are really proud of our teachers and KRP's. Our state technical teams really worked hard to create the dashboard in spite of the least support from the diksha team.

## 10. Annexures