

Samagra Shiksha
Government of Andhra Pradesh
NISHTHA 1.0 (Elementary Level)

1. Introduction

- NISHTHA aims at training all teachers and heads of government schools at the elementary level, faculty members of SCERTs, DIETs as well as Resource Persons from BRCs and CRCs. They will be oriented on developing their skills on various aspects related to learning outcomes, competency Based Learning and testing, Learner centred pedagogy, school safety and security, Personal social qualities, inclusive Education, Information and Communication Technology (ICT) in teaching learning including, Artificial Intelligence, Health and Kitchen garden, School Leadership qualities, Environmental Concerns, Pre School, Pre Vocational Education and School Based Assessment in a joyful learning manner etc.
- The Andhra Pradesh state has identified 1114 Key Resource Persons and 238 SRPL State resource persons Leadership who have technical knowledge and content knowledge to provide online training to teachers in the state.
- NISHTHA integrated training covers all the recommended areas and aims at holistic development of teachers. Under NISHTHA online training, 1150 SRGs and 90,000 Secondary grade teachers working in state governed schools will be covered from 13 districts in a span of 3 months.

2. Need & Significance

- The learning continuum of teachers and students can not be restricted due to the lack of readiness to face the lock down or due to the diversity and huge population. Every teacher urges to improve their pedagogical competencies as there is a need to address a diverse group of students. In order to continue this learning and to reach every single teacher, pupil teachers and students irrespective of the board, affiliation etc., the Ministry of Education, Govt. of India has planned to organise a series of online courses for these stakeholders through DIKSHA portal which will be even accessible to the individuals with a small mobile phone and minimum internet connectivity.

- Therefore, NCERT has planned to continue NISHTHA - integrated teacher training using DIKSHA platform and reach out all teachers. Courses for teachers will be launched sequentially and conducted in batches. Each course varies in the time duration where there will be flexibility for teachers to complete the course. Each course will have learning resources like video, reading material, reflective activities, practice activities, self-assessment quiz etc.
- The translated version of courses created by NCERT will be provided in DIKSHA. A teacher needs to do self-enrolment and do self-learning and will be certified on course completion. DIKSHA portal will also be leveraged to conduct MOOCs in an effective manner. This initiative of MOOCs for teachers will be a boon for learning continuously and also to reach every teacher by scaling up in a time bound manner. This will also enable equity in providing professional development to teachers.

3. Objectives

- Improvement in learning outcomes of the students.
- Creation of an enabling and enriching inclusive classroom environment
- Teachers become alert and responsive to the social, emotional and psychological needs of students as first level counsellors.
- Teachers are trained to use Art as pedagogy leading to increased creativity and innovation among students.
- Teachers are trained to develop and strengthen personal-social qualities of students for their holistic development.
- Creation of healthy and safe school environment.
- Integration of ICT in teaching learning and assessment.
- 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.
- Teachers and School heads become aware of new initiatives in school education.

- Transformation of the Heads of Schools into providing academic and administrative leadership for the schools for fostering new initiatives.

4. Schedule

Day wise schedule in annexed

5. Modality

- Orientation to teachers on DIKSHA before launching of NISHTHA course was conducted through YouTube live streaming.
- Fortnight review was conducted by SIEMAT Director with all AMOs and other district officials on the teacher participation in NISHTHA online courses.
- All the courses were translated into telugu and videos were also did reshoot and compressed with handbrake software for upload into DIKSHA platform.
- For every 4 day a live program used to be conducted through YouTube live streaming with the help of OBS software. And the live link is also made available in DIKSHA platform.
- Course content was verified by the curation team of DIKSHA.
- Before one week three course group used to be stitched in DIKSHA and enrolment link is used to be sent to teachers in a **clickable PDF (Which is a best practice from AP)**
- Every fortnight course enrolment and completed list communicated across the teachers.

6. Data analysis and interpretation

16-10-2020 to 31-10-2020 1st to 3rd Courses.

District	Target	1 st Course		2 nd Course		3 rd course	
		Enroll ed	Comple t ed	Enroll ed	Comple t ed	Enroll ed	Comple t ed
ANANTAPUR	10702	11023	9562	9283	9147	10165	9919
CHITTOOR	10856	11123	9518	9273	9125	11896	10921
EAST GODAVARI	10131	13489	11692	10064	9744	8922	8518
GUNTUR	9383	9635	8342	7445	6569	6540	5766
KADAPA	7468	7148	6089	6506	5697	7789	7007
KRISHNA	7694	8402	7379	7016	6227	7974	6956
KURNOOL	8072	8884	7426	6914	5955	7029	6720

NELLORE	7950		7576	6619	7213	6467	8305	7396
PRAKASAM	8801		9126	7871	7082	6177	7057	6168
SRIKAKULAM	7554		7917	6547	6842	4858	7945	6946
VISAKHAPAT NAM	7579		8807	7321	7217	6091	5709	5018
VIZIANAGAR AM	6253		6312	5305	5182	4934	7930	7122
WEST GODAVARI	7836		8520	7433	7372	7134	7372	7134
Grand Total	1,10,280		117962	101104	97409	88125	104633	95591

01-11-2020 to 15-11-2020 4th to 6th Courses

District	Target	4 th Course		5 th Course		6 th Course	
		Enroll ed	Comple ted	Enroll ed	Comple ted	Enroll ed	Comple ted
ANANTAPUR	10702	10290	9191	9214	8686	9600	9118
CHITTOOR	10856	10116	8994	9382	8956	9495	9020
EAST GODAVARI	10131	11095	10730	10480	9868	11410	10279
GUNTUR	9383	8099	8214	8376	7786	8666	7853
KADAPA	7468	6654	5920	6045	5566	6275	5606
KRISHNA	7694	7133	6927	7198	6725	7343	6635
KURNOOL	8072	7392	7016	7086	6547	7288	6540
NELLORE	7950	7148	6371	6652	6153	6880	6659
PRAKASAM	8801	7318	7513	7545	6984	8004	7672
SRIKAKULAM	7554	7279	6460	6510	6433	6762	6496
VISAKHAPAT NAM	7579	7837	6960	7372	6144	7454	6638
VIZIANAGAR AM	6253	5788	5201	5511	5211	5507	5464
WEST GODAVARI	7836	7917	7143	7495	7025	7580	6918
Grand Total	1,10,280	104066	96640	98866	92084	102264	94898

16-11-2020 to 30-11-2020

7th, 8th and 9th Courses.

District	Target	7th Course		8 th Course		9 th Course	
		Enroll ed	Comple t ed	Enroll ed	Comple t ed	Enroll ed	Comple t ed
ANANTAPUR	10702	10958	9679	9724	9443	9559	9285
CHITTOOR	10856	9383	9002	9184	8718	9028	8655
EAST GODAVARI	10131	9115	10534	9903	9743	10720	10146
GUNTUR	9383	9755	8666	8993	8478	8386	8334
KADAPA	7468	6495	5990	6821	6276	6729	5690
KRISHNA	7694	7280	6856	7695	6837	7663	6793
KURNOOL	8072	8246	7097	8008	7406	7884	6799
NELLORE	7950	7383	6319	7247	6573	7149	6051
PRAKASAM	8801	8570	7529	8443	7423	8360	7222
SRIKAKULAM	7554	8060	6915	7843	6718	7696	6613
VISAKHAPATNAM	7579	8018	6970	7859	6803	7751	6615
VIZIANAGARAM	6253	5984	5252	5873	5200	5809	5070
WEST GODAVARI	7836	7995	7095	7369	6961	7806	6929
Grand Total	1,10,280	107242	97904	104962	96579	104540	94202

01-12-2020 to 15-12-2020

10th, 11th and 12th Courses.

District	Target	10th Course (In progress)		11th Course (In progress)		12th Course (In progress)	
		Enroll ed	Comple t ed	Enroll ed	Comple t ed	Enroll ed	Comple t ed
ANANTAPUR	10702	10586	9443	10305	9883	10033	9781
CHITTOOR	10856	10092	9088	9834	9383	9527	9294
EAST GODAVARI	10131	11687	10663	10408	9942	11109	10769
GUNTUR	9383	9409	8446	9160	8832	8883	8213
KADAPA	7468	6754	6030	6539	6083	6311	5919
KRISHNA	7694	7590	6859	7450	6968	7314	6933

KURNOOL	8072	8062	7124	7794	7591	7376	6764
NELLORE	7950	7199	6460	7011	6575	6787	6297
PRAKASAM	8801	8315	7524	8120	7542	7908	7423
SRIKAKULAM	7554	7699	6847	7369	6219	7020	6995
VISAKHAPATNAM	7579	7710	6851	7438	7158	7157	6577
VIZIANAGARAM	6253	5754	5179	5583	4798	5351	5114
WEST GODAVARI	7836	7719	7070	7589	6653	7397	6671
Grand Total	1,10,280	108576	97584	104600	97627	102173	96750

16-12-2020 to 31-12-2020

District	Target	13 th Course (In progress)		14th Course (In progress)		15th Course (In progress)	
		Enrolled	Completed	Enrolled	Completed	Enrolled	Completed
ANANTAPUR	10702	10354	9734	10079	9564	9813	9256
CHITTOOR	10856	9936	9359	9699	9177	9431	9271
EAST GODAVARI	10131	11262	10458	10980	10252	10685	10052
GUNTUR	9383	9196	8472	8907	8320	8617	8500
KADAPA	7468	6568	6121	6416	6030	6740	5760
KRISHNA	7694	7496	7028	7373	6930	7201	6728
KURNOOL	8072	7696	6954	7351	6796	7095	6493
NELLORE	7950	7107	6619	6902	6462	6681	6270
PRAKASAM	8801	8270	7697	8152	7630	7983	7418
SRIKAKULAM	7554	7321	6654	7048	6501	6717	6112
VISAKHAPATNAM	7579	7519	6749	7292	6724	6975	6330
VIZIANAGARAM	6253	5550	5158	5407	5024	5182	5266
WEST GODAVARI	7836	7639	7102	7447	7043	7205	6762
Grand Total	1,10,280	105914	98105	103053	96453	100325	94218

01-01-2021 to 16-01-2021

District	Target	16 th Course (In progress)		17th Course (In progress)		18th Course (In progress)	
		Enroll ed	Comple ted	Enroll ed	Comple ted	Enroll ed	Comple ted
ANANTAPUR	10702	10322	9147	10261	9140	9654	8799
CHITTOOR	10856	9636	8716	10117	9971	9223	8756
EAST GODAVARI	10131	10833	9922	9816	7885	10539	9634
GUNTUR	9383	8784	8043	8649	7186	8457	8095
KADAPA	7468	6316	6214	6345	6263	6060	5924
KRISHNA	7694	7256	6744	7073	5965	7054	6549
KURNOOL	8072	7342	6602	7159	6883	6892	6272
NELLORE	7950	6809	6207	6627	6579	6525	5949
PRAKASAM	8801	7998	7415	7757	6957	7737	7552
SRIKAKULAM	7554	6925	6237	6683	5961	6487	5773
VISAKHAPATN AM	7579	7161	7057	6883	6545	6852	6575
VIZIANAGARA M	6253	5287	4870	6038	6020	5071	4544
WEST GODAVARI	7836	7339	6866	7058	6976	7154	6973
Grand Total	1,10,280	102008	94040	100466	91831	97705	91395

7. Issues and Challenges

S No	Challenge	Solution given
1	No network area teachers are unable to complete the course in time.	Suggested the teaches in Low and no network areas, to download the course content at network available area (where it takes 15 min to download the course) and complete it whenever they find time.
2	Teachers are unable to maintain forgot password feature.	A special application is designed and provided it to know the password.

3	Some mobiles are over loading with the course content and it is getting hanged, teachers are unable to clean the previous course martial form the file manager	Created an instructional video on how to clean the previous data from the file manager.
4	Some mobiles are showing PDF missing when they are doing course.	Suggestion were given to use alternate network and also use other devices.
5	Some videos are not displayed in certain mobiles.	Suggestion were given to use alternate network and also use other devices.
6	Some teachers don't have android mobile.	Suggested to use their family members mobiles or use their CRP mobile to complete the course
7	Since DIKSHA is available not iPhone some teachers are facing problem	Suggested the iPhone users to do the course from the browser.
8	DIKSHA has no separate dashboards for districts.	Informed the same to DIKSHA tech team

8. Key Learnings: -

- Trainings can be made available to all teachers without loss of transmission.
- Scaling of online training can be possible.
- In some mobiles DIKSHA platform PDFs are not playing.
- Especially JIO network mobiles have some problems in playing content in DIKSHA Platform.
- Nearly 10% teachers course progress is not reflected in course exhaust of admin.
- The feedback

District	Average of Rate Topics chosen for the Online Training	Average of Rate the Reading Material in achieving the course objectives.	Average of Rate the Videos given in the course.	Average of Rate the Live classes Content and delivery through YouTube live streaming	Average of Rate the topics given for Portfolios	Average of Rate the features of Online course in DIKSHA	Average of Rate the Assessments (Quizzes) in the course	Average of Rate the usefulness of the course for classroom transaction	Average of Rate the Technology functioning in doing an online course in DIKSHA	Average of Rate the behavioral change noticed in you after completing the course
ANANTAPUR	4.16	4.14	4.21	4.12	4.09	4.16	4.31	4.19	4.04	4.07
CHITTOR	4.17	4.14	4.21	4.13	4.10	4.15	4.28	4.19	4.06	4.09
EAST GODAVARI	4.21	4.17	4.21	4.14	4.16	4.20	4.36	4.23	4.09	4.11
GUNTUR	4.15	4.14	4.20	4.11	4.07	4.14	4.29	4.18	4.02	4.05
KADAPA	4.16	4.14	4.19	4.09	4.09	4.16	4.28	4.18	4.03	4.07
KRISHNA	4.24	4.21	4.26	4.18	4.20	4.23	4.38	4.26	4.15	4.16
KURNOOL	4.15	4.11	4.21	4.10	4.04	4.15	4.30	4.16	4.03	4.08
NELLORE	4.17	4.16	4.21	4.11	4.10	4.18	4.34	4.19	4.05	4.10
PRAKASAM	4.20	4.17	4.23	4.14	4.14	4.17	4.34	4.20	4.08	4.10
SRIKAKULAM	4.22	4.19	4.25	4.15	4.18	4.23	4.40	4.26	4.11	4.16
VISAKHAPATNAM	4.18	4.16	4.21	4.14	4.17	4.21	4.30	4.22	4.10	4.10
VIZIANAGARAM	4.19	4.16	4.20	4.16	4.15	4.19	4.32	4.20	4.05	4.11
WEST GODAVARI	4.21	4.19	4.22	4.13	4.15	4.21	4.36	4.23	4.12	4.15
Grand Total	4.19	4.16	4.22	4.14	4.13	4.18	4.33	4.21	4.08	4.11

9. Success Stories

- 92% teacher's participation and completing 18 online course is a great achievement.
- Nearly 10 lakh portfolios were received from teachers during the NISHTHA training, these portfolios were collected through from a google form.

10. Suggestions.

- The group facility of DIKSHA need to be functional.
- The state dashboard need to be made available to teachers, so that their interest will be increased.
- Portfolio accepting facility should be made available in DIKSHA.

- Discussion forms need to be implemented.

11. Conclusion

The NISHTHA training in DIKSHA brought a paradigm shift in the training scenario of Andhra Pradesh, teachers are exploring the DIKSHA platform for their class room transaction purpose. With the help of this experience, A.P is in a position to run it's own courses for teachers.

12. Annexures

NISHTHA in DIKSHA		
3 Months Online course - NISHTHA		
From 16-10-2020 to 15-01-2021		
16-10-2020	Module-1 start - Reading the module and watching the videos in it	<ul style="list-style-type: none"> • Attending the Module-1 DIKSHA platform. • Attending the Live class on 6:00 P.M to 7:00 P.M on 17-10-20 in AP DIKSHA official AP DIKSHA official YouTube channel. • Submitting the Module-1 activity in the link given • Submitting the assessment in DIKSHA platform.
17-10-2020	Module -1 live class	
18-10-2020	Reading the module and watching the videos in it	
19-10-2020	Module-1 Activity submission	
20-10-2020	Module-1 Assessment	
21-10-2020	Module-2 Start Reading the module and watching the videos in it	<ul style="list-style-type: none"> • Attending the Module-2 DIKSHA platform. • Attending the Live class on 6:00 P.M to 7:00 P.M on 22-10-20 in AP DIKSHA official YouTube channel. • Submitting the Module-2 activity in the link given. • Submitting the assessment in DIKSHA
22-10-2020	Module -2 live class	
23-10-2020	Reading the module and watching the videos in it	
24-10-2020	Module-2 Activity submission	
25-10-2020	Module-2 Assessment	

		platform
26-10-2020	Module-3 Start Reading the module and watching the videos in it	<ul style="list-style-type: none"> • Attending the Module-3 DIKSHA platform. • Attending the Live class on 6:00 P.M to 7:00 P.M on 27-10-20 in AP DIKSHA official YouTube channel. • Submitting the Module-3 activity in the link given. • Submitting the assessment in DIKSHA platform
27-10-2020	Module -3 live class	
28-10-2020	Reading the module and watching the videos in it	
29-10-2020	Module-3 Activity submission	
30-10-2020	Module-3 Assessment	
01-11-2020	Module-4 Start Reading the module and watching the videos in it	<p>Attending the Module-4 DIKSHA platform.</p> <p>Attending the Live class on 6:00 to 7:00 on 02-11-20 in AP DIKSHA official YouTube channel.</p> <p>Submitting the Module-4 activity in the link given.</p> <p>Submitting the assessment in DIKSHA platform</p>
02-11-2020	Module -4 live class	
03-11-2020	Reading the module and watching the videos in it	
04-11-2020	Module-4 Activity submission	
05-11-2020	Module-4 Assessment	