



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
"UGC AUTONOMOUS"
(Affiliated to Andhra University, Approved by AICTE & Accredited by NBA)
Sangivalasa-531 162, Bheemuripatnam Mandal, Visakhapatnam Dt.
DEPARTMENT OF INFORMATION TECHNOLOGY

Date:10/02/2022

CIRCULAR

Sub: Value Added Course – Artificial Intelligence and Machine Learning.

This is to inform all the **B. Tech IT III/IV** students to register for **Value Added Course** on **Artificial Intelligence and Machine Learning**. The course will be started from **14/02/2022** to **11/04/2022**. Test will be conducted on completing of this course and certificate will be issued upon successful completion of this course.

For Batch1 (105students) - Wednesday – 1.00pm to 2.30pm

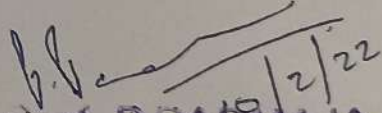
Thursday -1.00pm to 2.30pm

For Batch2 (106 students) - Monday -1.00pm to 2.30pm

Friday -1.00pm to 2.30pm

Mode of Teaching: Online

Faculty Coordinator: Mrs.M.Navyasri


10/2/22
PROF. P. PADMAJA
HOD, IT
Head of the Department
Department of IT
ANITS Visakhapatnam



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ISTE & BNY Mellon Skill Development Training Program on Artificial Intelligence & Machine Learning

Value added course was conducted by Mrs.M.Navyasri, Asst prof, Dept of IT at ANITS. The topic which was named as "Artificial Intelligent and Machine learning" which is a training programme conducted by ISTE in collaboration with BNY Mellon of duration 2 months from 23/12/2020 to 24/02/2021. All the students showed interest while delivering the lectures and practical sessions on advanced topics like PANDAS, SCIKIT Learning, NUMPY etc. using Python programming.



Proficiency Certificate

This is to certify that **Mrs. Mullapudi Navyasri**, Anil Neerukonda Institute of Technology & Science, Visakhapatnam has successfully completed the Skill Development Training Program on "Artificial Intelligence and Machine Learning" from **23/12/2020** to **24/02/2021** and scored above 60% in the final assessment under joint venture of ISTE & BNY Mellon.


(Executive Secretary, ISTE)


(Director, BNY Mellon India)

ISTE Skill development Program

Value Added course – AI/ML Contents

Python: Introduction to Python, Introduction to Data Science, Data Science -Numpy and Pandas, Data exploration / preparation, Matplotlib, Scipy, Seaborn, Sckit Learn, Data Science -Probability.

Machine Learning: Importance of Statistics for Data Science, Correlation, Regressions, Descriptive Statistics, Significance Test, Statistical Hypothesis testing, Estimation Statistics, Inferential Statistics, Distributions, Normality test, Independence Test.

Introduction to Predictive modeling predictive-modeling-analytics, Understanding Predictive Modeling, Applications of Predictive Modeling Tools, Predicting Continuous variable, Supervised Learning, Trees, Segmentation, Linear Regression, Predicting Binary Outcome, Unsupervised Learning, Time Series Forecasting.

Inbox (30) - it_class3@anits.edu | Anil Neerukonda Institute of Tech | Meet - AI&ML course

meet.google.com/vby-jtjw-oo?authuser=0&pli=1

REC You're presenting to everyone Stop presenting

```
jupyter Seaborn A-B-C sec
localhost:8888/notebooks/Se...
File Edit View Insert Cell Kernel Help Python 3.0
In [ ]: pandas
         matplotlib
         seaborn; sns.set(style='whitegrid', palette='muted')
In [ ]: !pip install
```

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32°C 13:04 04-03-2022

People

- All muted Add people Host controls
- 319126511125 VELLANKI T ...
- 319126511130 ARIGELA SH...
- 319126511132 ATTIVILLI V...
- 319126511134 BELAMARA ...
- 319126511137 BIDUDURI D ...
- 319126511139 CHINNALA ...
- 319126511143 DEVARASET...
- 319126511144 GANTA NA...

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People

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- 319126511096 KURIMINEL...
- 319126511099 MADDUKU...
- 319126511104 MAYAPALLI ...
- 319126511108 P BHAWANI ...
- 319126511114 RONANKI S...
- 319126511124 VEERAMALL...
- 319126511125 VELLANKI T ...
- 319126511130 ARIGELA SH...

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```
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File Edit View Insert Cell Kernel Help Python 3.0
In [ ]: pandas
         matplotlib
         seaborn; sns.visualization_style(style='dark')
In [ ]: pip install
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- G 319126511085 GHOUSIA B...
- K 319126511091 KOLLA VINE...
- K 319126511096 KURIMINEL...
- M 319126511099 MADDUKU...
- M 319126511104 MAYAPALLI...
- P 319126511108 P BHAWANI

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```
jupyter Seaborn A-B-C sec
localhost:8888/notebooks/Se...
File Edit View Insert Cell Kernel Help Python 3.0
In [ ]: pandas
         matplotlib
         seaborn; sns.visualization_style(style='dark')
In [ ]: pip install
```

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People

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- 319126511052 SHAIKILYAZ
- S 319126511057 SUJATAKU...
- B 319126511070 BAMBOTH...
- B 319126511077 BYREDDY Y...
- D 319126511083 DUGGIRAL...
- G 319126511085 GHOUSIA B...

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```

In [ ]: pandas
        supportlib: matplotlib
        seaborn: data visualization- styles,color,attributes

In [ ]: !pip install
  
```

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Windows taskbar: Type here to search, 32°C, 13:04, 04-03-2022

People

All muted Add people Host controls

- 046 POTNURU SAIVIVEK
- 31812651146 PASILA DILE...
- 319126511027 KOLLIKUSH...
- 319126511031 KOVVALINA...
- 319126511040 NALLURISH...
- 319126511049 SAKUNALA...
- 319126511052 SHAKILIYAZ
- 319126511057 SUJATAKU...

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People

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- 319126511099 MADDUKU...
- 319126511104 MAYAPALLI ...
- 319126511105 MEDICHERL...
- 319126511108 P BHAWANI
- 319126511110 POTNURU A...
- 319126511114 RONANKI S...
- 319126511121 VANDRASI S...
- 319126511124 VEERAMALL...
- 319126511125 VELLANKI T ...

REC You're presenting to everyone Stop presenting

```
jupyter scikiteam1
In [19]: x_train, x_test, y_train, y_test = train_test_split(x, y, test_size=0.3, random_state=42)
In [20]: knn_classifier = KNeighborsClassifier(n_neighbors=10)
In [21]: knn_classifier.fit(x_train, y_train)
In [22]: train_accuracy = knn_classifier.score(x_train, y_train)
In [23]: accuracy_3000 = knn_classifier.score(x_test, y_test)
In [24]: print('training accuracy of knn: %2f' % train_accuracy)
training accuracy of knn: 99.22 %
In [25]: y_pred = knn_classifier.predict(x_test)
In [26]: print('test accuracy of knn: %2f' % knn_classifier.score(x_test, y_test))
test accuracy of knn: 99.22 %
```

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People

- All muted Add people Host controls
- 319126511051 SHAIKFARH...
- 319126511055 SIMMABHA...
- 319126511057 SUJATAKU...
- 319126511058 THATIKON...
- 319126511059 VARAGANA...
- 319126511060 VASIREDDY...
- 319126511061 VATTIKUNTA...
- 319126511070 BAMBOTH...

2:19 PM | zpu-pqes-sfw

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```
jupyter scikiteam1
In [19]: x_train, x_test, y_train, y_test = train_test_split(x, y, test_size=0.3, random_state=42)
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```

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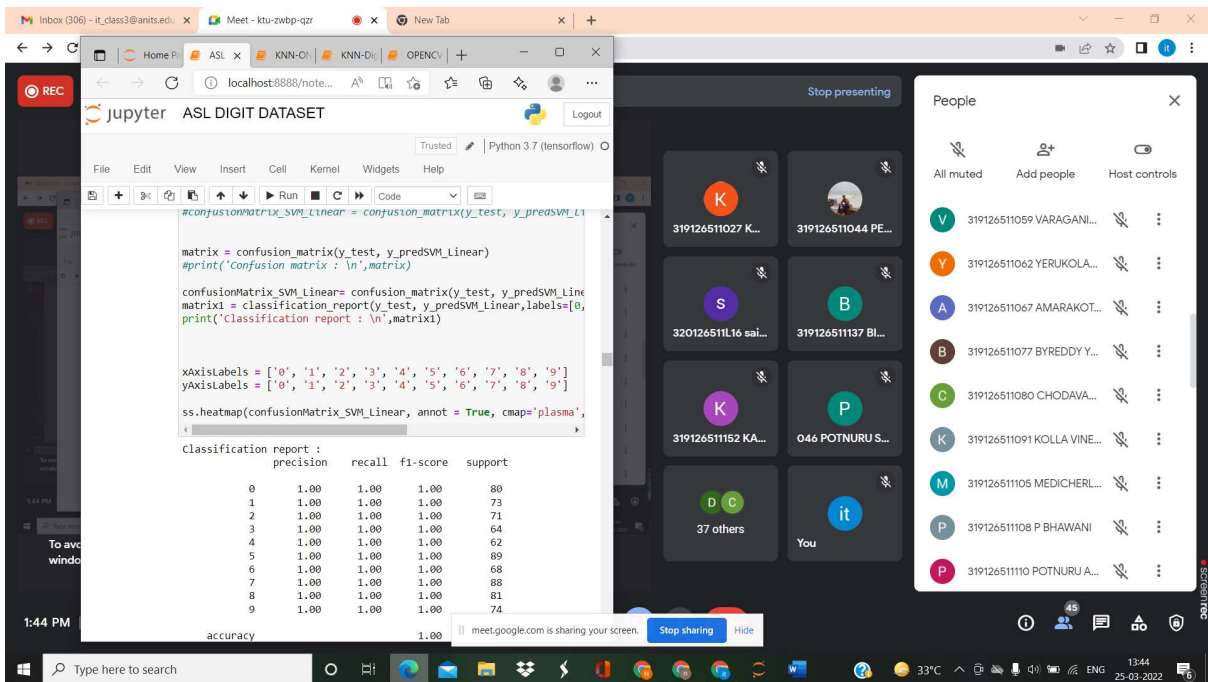
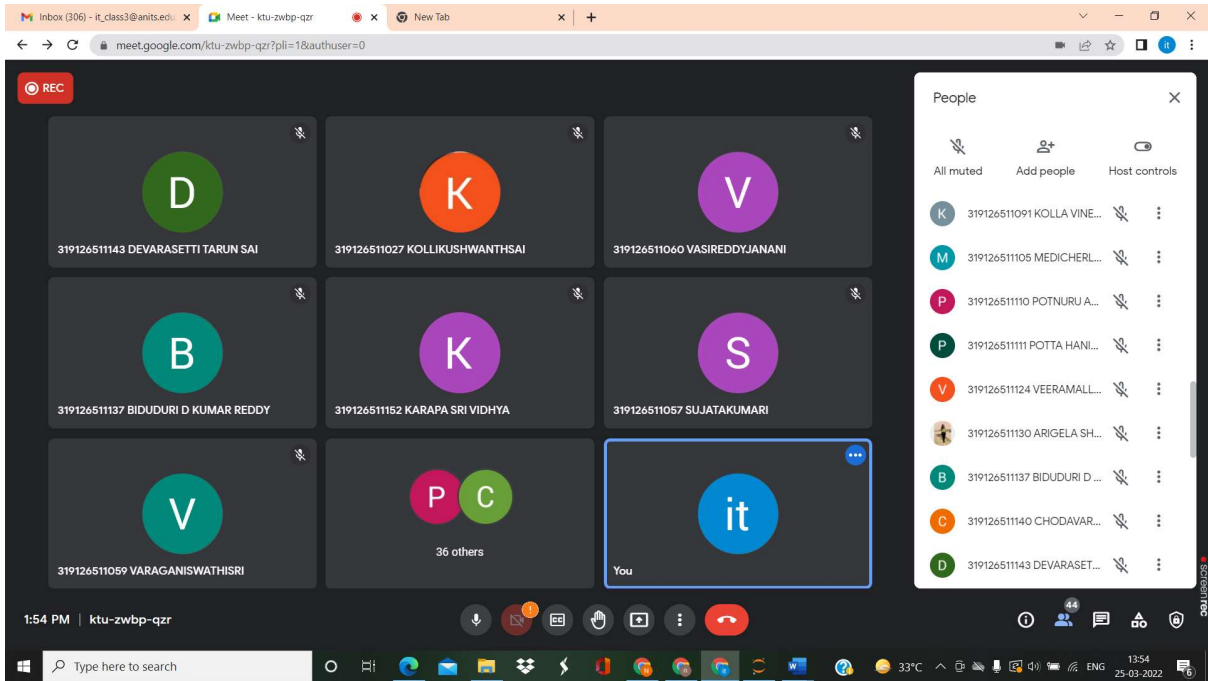
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People

- All muted Add people Host controls
- 319126511161 MERUPULA ...
- 319126511170 POTNURU R...
- 319126511173 RUTTALA R...
- 319126511175 SANGITA M...
- 319126511180 SIGALAPAL...
- 319126511181 SIYADRI VYS...
- 319126511182 SRINIVASUL...
- 319126511184 SUNKARA M...

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Attendance Proofs:

First name	Last name	Email	Duration	Time joine	Time exitec
319126511065	ALLAMSET	allamsett	18 sec	2:31 PM	2:31 PM
319126511130	ARIGELA S	arigelasha	1 hr 40 mi	12:49 PM	2:31 PM
319126511132	ATTIVILLI V	attivillivad	1 hr 39 mi	12:52 PM	2:31 PM
319126511070	BAMBOTH	bambothu	29 min	12:56 PM	1:25 PM
319126511005	BANDLAM	bandlamud	55 min	1:36 PM	2:31 PM
319126511134	BELAMARA	belamarag	1 hr 32 mi	12:59 PM	2:31 PM
319126511137	BIDUDURI	biduduridk	59 min	12:59 PM	1:58 PM
319126511010	BURADAYO	buradayog	3 min	1:21 PM	1:23 PM
319126511077	BYREDDY V	byreddyyo	17 min	12:56 PM	1:20 PM
319126511078	CHALAVAD	chalavadip	52 min	1:39 PM	2:31 PM
319126511138	CHEPENA S	chepenasiv	5 min	2:27 PM	2:31 PM
319126511139	CHINNALA	chinnalach	1 hr 20 mi	1:03 PM	2:23 PM
320126511L01	chintalapu	chintalapu	36 min	1:56 PM	2:31 PM
320126511L07	chukkasaij	chukkasaij	1 hr 6 min	1:22 PM	2:31 PM
it	class3	it_class3@	1 hr 37 mi	12:45 PM	2:31 PM
319126511143	DEVARASE	devarasett	1 hr 33 mi	12:55 PM	2:31 PM
319126511083	DUGGIRAL	duggiralak	1 hr 31 mi	1:00 PM	2:31 PM
319126511014	FAZLEENA	fazleenane	1 hr 18 mi	1:13 PM	2:31 PM
VIJAYA LAKSHMI	G	gvijayalaks	1 hr 7 min	1:10 PM	2:21 PM
319126511144	GANTA NA	gantananip	1 hr 29 mi	1:02 PM	2:31 PM
319126511085	GHOUSIA B	ghousiabeg	1 hr 42 mi	12:49 PM	2:31 PM
319126511146	GOLI HARI	goliharikas	41 min	1:20 PM	2:31 PM
319126511147	GORLE SAI	gorlesaiked	1 hr 30 mi	12:59 PM	2:31 PM
319126511148	HARIKA KO	harikakott	50 min	12:53 PM	1:43 PM
319126511153	KARUKOLA	karukolavy	17 min	2:14 PM	2:31 PM
319126511023	KESARIVYS	kesarivysh	50 min	1:33 PM	2:31 PM
319126511026	KILARISREY	kilarisreya	43 min	1:29 PM	2:13 PM
319126511090	KILLAMSET	killamsetty	1 hr 20 mi	1:05 PM	2:31 PM
319126511091	KOLLA VIN	kollavineet	1 hr 33 mi	12:58 PM	2:31 PM
319126511027	KOLLIKUSH	kollikushw	1 hr 46 mi	12:42 PM	2:31 PM
319126511028	KOMARAH	komarahar	8 min	1:15 PM	1:23 PM
319126511155	KOPPAKA V	koppakave	1 hr 37 mi	12:54 PM	2:31 PM
319126511093	KORNANA	kornanabh	39 min	1:29 PM	2:08 PM
319126511031	KOVVALIN	kovvalinag	1 hr 41 mi	12:43 PM	2:31 PM
319126511095	KUKUNURI	kukunuriak	1 hr 25 mi	1:06 PM	2:31 PM
319126511096	KURIMINE	kuriminelli	1 hr 3 min	1:00 PM	2:31 PM
319126511098	MADDALA	maddalae	2 min	2:30 PM	2:31 PM
319126511099	MADDUKU	maddukur	1 hr 25 mi	1:02 PM	2:30 PM
319126511103	MANDAVA	mandavak	56 min	1:07 PM	2:31 PM
319126511033	MANNEJYO	mannejyos	36 min	1:55 PM	2:31 PM
320126511L17	mantenam	mantenam	1 hr 18 mi	1:13 PM	2:31 PM
319126511034	MAVURISA	mavurisaib	44 min	1:47 PM	2:31 PM
319126511104	MAYAPALL	mayapallig	36 min	12:57 PM	1:33 PM
319126511105	MEDICHER	medicherla	1 hr 24 mi	1:07 PM	2:31 PM
319126511035	MEENAVA	meenavall	34 min	1:57 PM	2:31 PM
319126511040	NALLURISH	nallurishar	1 hr 33 mi	12:58 PM	2:31 PM
319126511041	NEELAPUS	neelapusa	14 min	2:12 PM	2:27 PM
319126511107	NOOLU PR	nooluprem	1 hr 3 min	1:29 PM	2:31 PM
319126511164	P ALEKYA	palekya.19	19 min	1:09 PM	1:45 PM
318126511146	PASILA DIL	pasiladilee	1 hr 36 mi	12:55 PM	2:31 PM
319126511167	PASUPURE	pasupured	21 min	1:15 PM	1:36 PM
319126511108	P BHAWAN	pbhawani.	1 hr 28 mi	1:02 PM	2:31 PM

First name	Last name	Email	Duration	Time joine	Time exitec
319126511128	ANIMILLA	animillave	45 sec	2:04 PM	2:05 PM
319126511129	APPASANI	appasanics	20 min	2:03 PM	2:23 PM
319126511132	ATTIVILLI V	attivillivad	31 min	1:06 PM	1:37 PM
319126511004	BALLAJHAN	ballajhansi	1 hr 6 min	1:17 PM	2:23 PM
319126511070	BAMBOTH	bambothu	40 min	12:53 PM	2:23 PM
319126511005	BANDLAM	bandlamuc	1 hr 15 min	1:06 PM	2:23 PM
319126511134	BELAMARA	belamarag	1 hr 10 min	1:13 PM	2:23 PM
319126511009	BODASUR	bodasurya	12 min	1:18 PM	1:30 PM
319126511003	BSKIRANM	bskiranma	35 min	1:48 PM	2:23 PM
319126511077	BYREDDY Y	byreddyyo	16 min	2:07 PM	2:23 PM
319126511138	CHEPENA S	chepenasiv	1 hr 5 min	1:17 PM	2:23 PM
320126511L01	chintalapu	chintalapu	56 min	1:05 PM	2:01 PM
319126511012	CHITLURIS	chitlurisaib	29 min	1:40 PM	2:09 PM
319126511080	CHODAVA	chodavara	1 hr 21 min	1:02 PM	2:23 PM
319126511140	CHODAVA	chodavara	1 hr 17 min	1:05 PM	2:23 PM
it	class3	it_class3@	1 hr 29 min	12:49 PM	2:23 PM
319126511143	DEVARASE	devarasett	48 min	1:00 PM	2:23 PM
319126511015	GADIPUDI	gadipudisw	56 min	1:27 PM	2:23 PM
319126511144	GANTA NA	gantananig	50 min	1:33 PM	2:23 PM
319126511146	GOLI HARI	goliharikas	36 min	1:47 PM	2:23 PM
319126511148	HARIKA KC	harikakott	25 min	1:25 PM	1:55 PM
319126511018	KAKARAPR	kakarapriy	23 min	1:18 PM	1:41 PM
319126511151	KALURI VE	kalurivenk	15 min	2:08 PM	2:23 PM
319126511152	KARAPA SF	karapasriv	1 hr 7 min	1:06 PM	2:23 PM
319126511021	KARUTURI	karaturiva	32 min	1:51 PM	2:23 PM
319126511022	KATURIVIN	katurivinay	1 hr 2 min	1:21 PM	2:23 PM
319126511089	KELLAKA D	kellakadilig	1 hr 6 min	1:03 PM	2:09 PM
319126511023	KESARIVYS	kesarivysh	1 hr 21 min	1:02 PM	2:23 PM
319126511024	KHUSHIPO	khushipod	22 min	1:45 PM	2:07 PM
319126511026	KILARISRE	kilarisreya	57 min	1:26 PM	2:23 PM
319126511027	KOLLIKUSH	kollikushw	1 hr 32 min	12:51 PM	2:23 PM
319126511028	KOMARAH	komarahar	5 min	1:18 PM	1:23 PM
319126511031	KOVVALIN	kovvalinag	1 hr 23 min	1:00 PM	2:23 PM
319126511098	MADDALA	maddalae	5 min	2:18 PM	2:23 PM
319126511158	MADDI KE	maddikeer	1 hr 2 min	1:21 PM	2:23 PM
319126511033	MANNEJYC	mannejyos	46 min	1:34 PM	2:23 PM
319126511159	MARRAPU	marrapula	1 hr 10 min	12:54 PM	2:23 PM
319126511034	MAVURISA	mavurisaib	1 hr 20 min	12:58 PM	2:23 PM
319126511035	MEENAVA	meenavall	3 min	1:18 PM	1:24 PM
319126511161	MERUPUL	merupulas	38 min	1:45 PM	2:23 PM
319126511036	MONANGI	monangisc	18 min	1:28 PM	2:03 PM
320126511L03	nadipallidu	nadipallidu	24 min	1:58 PM	2:23 PM
319126511038	NALLAJERL	nallajerlag	1 hr 2 min	1:20 PM	2:23 PM
319126511040	NALLURISH	nallurishar	1 hr 22 min	1:01 PM	2:23 PM
319126511041	NEELAPUS	neelapusa	57 min	1:26 PM	2:23 PM
320126511L12	pasupuleti	pasupuleti	1 hr 13 min	1:09 PM	2:23 PM
319126511108	P BHAWAN	pbhawani.	1 hr 11 min	1:12 PM	2:23 PM
319126511043	PENUMAJJ	penumajjir	1 hr 15 min	12:53 PM	2:09 PM
319126511044	PEREPALLI	perepallira	35 min	1:48 PM	2:23 PM
319126511110	POTNURU	potnuruale	1 hr 11 min	1:11 PM	2:23 PM
319126511170	POTNURU	potnuresa	48 min	1:35 PM	2:23 PM
46	POTNURU	potnurusai	9 min	2:14 PM	2:23 PM

