

REPORT ON CERTIFICATE COURSE (2020-2021)

1. Name of the Course: ExpEYES (Spoken tutorial IIT, Bombay certificate course)

2. Department: Physics

3. Duration: 1 hr. No. of hours –30 No. of days - 30

1. Whether brochure containing details of curriculum, assessment, procedures, etc., is enclosed? Yes

1. Number of students enrolled: 114

2. Whether the list of students is enclosed? (Yes/No): Yes

1. Brief Report of the Certificate Course along with the outcome:

Objectives: The objective of providing the certificate course in ExpEYES is to improve the experimental skills among the students. ExpEYES (version 3.1.0.) stands for experiments for Engineers and Scientists. Students can study-

The steady-state and transient response of the circuits

Electromagnetism experiments

Characteristics of diode, rectifier, and transistor.

Report: ExpEYES (version 3.1.0.) stands for experiments for Engineers and Scientists.

The experiments can be performed using a small compact rectangular box with dimensions 8.6 x 5.8 x 1.6 cm³ and weighing around 60 grams, that can be connected to the system using a USB port.

This device can measure

- Voltages and generates plots and waveforms
- Low cost and give accurate measurement
- Built in Signal generator and Oscilloscope.
- 12 bit input /output analog resolution
- Microsecond timing and resolution
- The software is available on bootable ISO image

To install ExpEYES open fire-fox web browser and type <https://expyes.in/>

ExpEYES links

1) <https://youtu.be/ANsNQT9sVYo> ---- Overview of ExpEYES Junior

2) <https://youtu.be/z8iVJdpkwIY-> Introduction to ExpEYES Junior

- 3) <https://youtu.be/ee2R9tYRPJ8-> Panel connections and software interface
- 4) <https://youtu.be/bpQBtfO7v38-> Communicating to ExpEYES using Python
- 5) <https://youtu.be/QmC58Uohj1A-> Conductivity of ionic solutions
- 6) <https://youtu.be/EvJV4yeSgBQ-> Electromagnetism
- 7) <https://youtu.be/dPNaES7WEW0-> Characteristics of sound waves
- 8) <https://youtu.be/2IaOuGQeM1E-> Steady state response of circuits
- 9) <https://youtu.be/w6MQeFYzKN4-> Transient response of circuits
- 10) <https://youtu.be/Z7824NAAXJo-> Diode, rectifier and transistor

Photograph links:

<https://photos.app.goo.gl/k8ZWvuZiB9v1g52W9>

<https://photos.app.goo.gl/GDjUttQr2AA7QLHRA>

#	Batch Name	Institution	Department	Year	Student Count	
10	B.Sc in Physics- 2018-1	BJR Government Degree College, Narayanaguda	B.Sc in Physics	2018	44	Student List Add Student
14	B.Sc in Physics- 2019-1	BJR Government Degree College, Narayanaguda	B.Sc in Physics	2019	70	Edit Student List Add Student

Total 114 students have enrolled for the ExpEYES certificate course. 44 Students from B.Sc.

MPC/MPCs III yr and 70 Students from B.Sc. MPC/MPCs II yr have registered for the certificate course.

The course module is designed for 30 days. 10 you-tube links are provided to the students.

Each link is allotted three days.

First day – Self study

Second day - explanation and document of the video is provided

Third day – Questionnaire and Practice test

After the completion of course modules, a computer based off-line test is conducted to the registered candidates.

Online Test

73 Students have appeared for the off-line computer-based assessment test and successfully completed the certificate course.

List of the students—

Select participant List

? Instructions for Selecting Participant List

Back To Training Planner Summary

BJR Government Degree College, Narayanaguda, Hyderabad

July - December, 2021 (Current Semester)

Ongoing : 0 completed : 3

#	Semester State Date	Software Course	Department	Batch	Participant List Status	Action
1	July 14, 2021	ExpEYES	B.Sc in Physics	B.Sc in Physics-2018-1	44	 Download Participation Certificate Re-Open
2	July 1, 2021	ExpEYES	B.Sc in Physics	B.Sc in Physics-2019-1	70	 Download Participation Certificate Re-Open
3	July 1, 2021	GeoGebra 5.04	Faculty Development Programs (FDPs)(PMMMNMTT)	Faculty Development Programs (FDPs) (PMMMNMTT)-2021-1	1	 Generate Participation Certificate Re-Open

-- All Courses --

-- All Languages --

Search

For the purpose of course selection, go here : Software Offered

Keyword Search

Online Test

Dashboard

Pre-Dated New Pending Waiting for Invigilator Approved Ongoing Completed Reschedule Rejected

#	State	Academic Code	Institution	Organiser	FOSS	Date	Participants	
1	Telangana	TLS-00029	BJR Government Degree College, Narayanaguda	SIMHADRI	GeoGebra 5.04	15 Sep 2021 noon	1	View Participant
2	Telangana	TLS-00029	BJR Government Degree College, Narayanaguda	SIMHADRI	ExpEYES	13 Sep 2021 11 a.m.	26	View Participant
3	Telangana	TLS-00029	BJR Government Degree College, Narayanaguda	SIMHADRI	ExpEYES	13 Aug 2021 10 a.m.	30	View Participant
4	Telangana	TLS-00029	BJR Government Degree College, Narayanaguda	SIMHADRI	ExpEYES	13 Aug 2021 noon	17	View Participant

<https://docs.google.com/document/d/1hCEG7jTHcAe4MvPEUY5dhCvWsQsP8Z5llpOgrIljF60/edit?usp=sharing>

<https://drive.google.com/drive/folders/1PR1B9R0tj0RBywGVw0SOpsuKxIG1cKoT?usp=sharing>

<https://drive.google.com/drive/folders/1PR1B9R0tj0RBywGVw0SOpsuKxIG1cKoT?usp=sharing>



-- All Courses -- ▾

-- All Languages -- ▾

Search

For the purpose of course selection, go here : Software Offered

Keyword Search

Participants List

[Dashboard](#)

Institution Name BJR Government Degree College, Narayanaguda, Telangana
Foss ExpEYES
Date Aug. 13, 2021
Participants Count 30
Organiser radhikasekhar74@gmail.com
Dept. B.Sc in Physics
Batch Year 2018

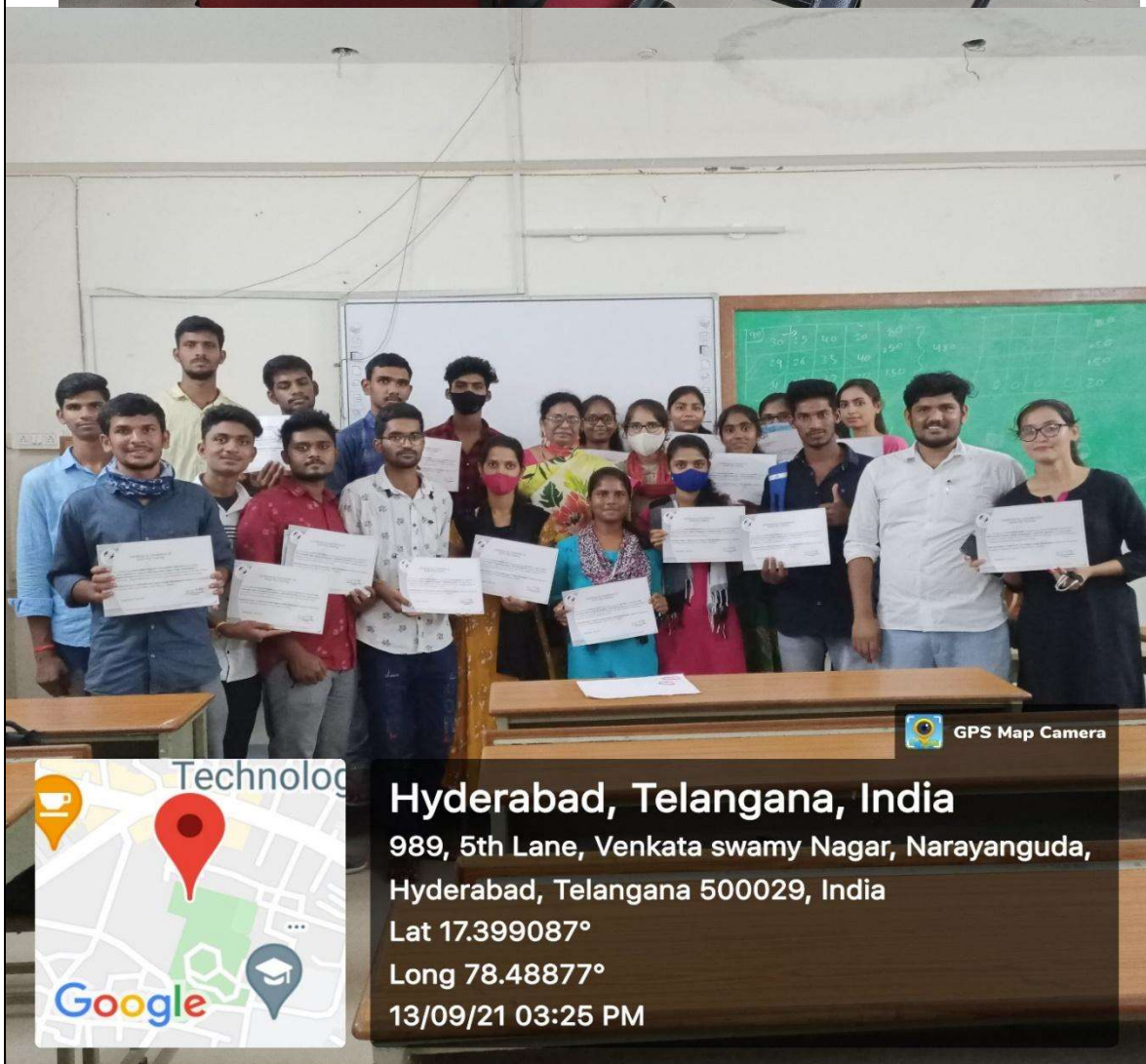
[Download all certificates](#)

#	First Name	Last Name	Email Id	Score
1	SAI PAVAN KUMAR	BONDI	pavankumar95160@gmail.com	97.5% - Certificate
2	SHAMANTHA	RAMAVATH	rshamantha123@gmail.com	97.5% - Certificate
3	SUMAN	BANOTH	sbanoth048@gmail.com	87.5% - Certificate
4	NAGARJUN	KUKUTLA	nagarjunkukutla143@gmail.com	95.0% - Certificate
5	SAIVARUN REDDY	EMIKE	varun.reddy19@gmail.com	85.0% - Certificate
6	BANTU	GOUTHAM	bantugoutham0@gmail.com	75.0% - Certificate
7	SATHISH KUMAR	JATOTH	sathishrathod15@gmail.com	85.0% - Certificate
8	KARTHIK	ERRABAKA	karthik.errabaka04@gmail.com	87.5% - Certificate
9	SANGAMONI	LOKESH	sangamonilokesh69@gmail.com	100.0% - Certificate
10	KADERI	BHUVANESHWARI	bhumi76609@gmail.com	77.5% - Certificate
11	NAVEEN	ASARLA	onlineias9@gmail.com	80.0% - Certificate
12	VUDUTA	VINEETH	vineethnetha2001@gmail.com	100.0% - Certificate
13	DEVASOTH	SINDHU	devasothsindhu2002@gmail.com	100.0% - Certificate
14	SAI SRIKANTH	DARBHA	saisrikanthdarbha@gmail.com	77.5% - Certificate
15	PAVAN	KALYAN	pakalyan01@gmail.com	90.0% - Certificate
16	GOLLA	SWETHA	gollaswetha5@gmail.com	92.5% - Certificate
17	MOGGULLA	MOUNIKA	mogulamounika47@gmail.com	87.5% - Certificate
18	K	RAVI	kr9346655817@gmail.com	92.5% - Certificate
19	MOKURALA	BALNARAYANA	balubalnarayana2000@gmail.com	100.0% - Certificate
20	E	SAI VARUN REDDY	varun.reddy1932@gmail.com	100.0% - Certificate
21	VERAMALLA	JAGADISH GOUD	jagadishgoud0026@gmail.com	97.5% - Certificate
22	DANDA	PRASHANTH	dandaprashanth63@gmail.com	100.0% - Certificate
23	S	RADHA	sradh1974@gmail.com	80.0% - Certificate
24	POLUMURI	GANESH	moneylove05673@gmail.com	97.5% - Certificate
25	SHIVA	GORATI	lovelystarshiva1432@gmail.com	95.0% - Certificate
26	SATHISH KUMAR	JATOTH	sathishrathod1070@gmail.com	80.0% - Certificate
27	SRIKANTH	AMBALLA	amballasrikanth6862@gmail.com	92.5% - Certificate
28	VENKATESH	PEDDI	venkateshpeddi395@gmail.com	65.0% - Certificate
29	NAGALAXMI	K	nagalaxmikurva123@gmail.com	80.0% - Certificate
30	KIRAN	EDA	edakiran144@gmail.com	85.0% - Certificate
31	KALYANKUMAR	NALLAGATTU	kalyankumam.6@gmail.com	97.5% - Certificate









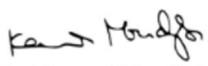


Certificate for Completion of ExpEYES Training

This is to certify that **ABBANAGONI TEJASWINI** has successfully completed **ExpEYES** test organized at **BJR Government Degree College, Narayanaguda** by **SIMHADRI RADHIKA** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Soma Raju Gande from **BJR Government Degree College, Narayanaguda** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

September 13th 2021


Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT,
Ministry of Education (previously MHRD), Govt. of India

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Outcome: The topics are covered in the syllabus which enables the students to gain thorough knowledge of the experiments. The extra course material enhances the experimental learning skills. 73 students have appeared for the computer based offline Assessment test and scored a good distinction percentage.

Signature of I/C of Dept.:.....