

VIRTUAL TUTORIAL PROJECT (2022-2023)



**A REPORT ON
REMOTE TUTORIAL ASSISTANCE THROUGH 'VIRTUAL TUTORIAL'
FUNDED UNDER
RASHTRIYA UCHCHATAR SHIKSHA ABHIYAN (RUSA)
AND
DEPARTMENT OF HIGHER EDUCATION, GOVT. OF ODISHA**

Website: www.vtputkal.odisha.gov.in

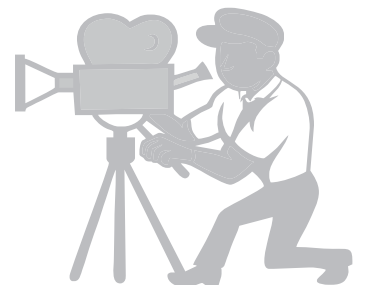
Address: Directorate of Distance & Continuing Education [D.D.C.E]
Utkal University Vanivihar, Bhubaneswar, Odisha, India, Pin : 751007

REMOTE TUTORIAL ASSISTANCE THROUGH “VIRTUAL TUTORIAL”

(FUNDED UNDER RUSA & DEPT. OF HIGHER EDUCATION, GOVT. OF ODISHA)



Utkal University
Bhubaneswar, Odisha





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Bhabha Atomic Research Centre

Message

The concept of remote access to recorded expert lectures gives the student the convenience of learning anytime and anywhere. This is an equity innovation in teaching learning that helps students in learning, relearning what they missed during class lectures, doubt clearing and revising during examinations. The Virtual Tutorial Project (VTP) conceived under Rashtriya Uchchattar Shiksha Abhiyan -1 (RUSA-1), an initiative financed by both the state government and the Government of India, is such an innovation. Initiated in the year 2017, under the leadership of Utkal University, the VTP project has been recording and editing expert lectures in its own studio established inside the campus of Directorate of Distance and Continuing Education (DDCE), Utkal University. All the lectures are uploaded in a dedicated website i.e. <http://vtputkal.odisha.gov.in> which is managed by NIC with freely accessible and downloadable material by students and teachers alike. This has provided exemplary help to students during the pandemic. I am extremely glad that Utkal University is preparing a brochure to further popularize this very important project. I am sure, VTP will come to be regarded as one of the most important tools in achieving equity and access in higher education in the state of Odisha. I take this opportunity to congratulate all the stake holders for their contributions to VTP.

Bande Utkal Janani

Asoka K. Das

Asoka Kumar Das



Professor Sabita Acharya
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Message

It is a matter of honour and immense pleasure that the Virtual Tutorial Project (VTP) of Utkal University is publishing a report on the progress of the recording of e-Lecturers at its unit. The Higher Education scenario globally has witnessed a significant change in approach and remarkable growth. Higher Education in Odisha, too has readily adopted to the Global demands by introducing the latest technologies in Education system. The Virtual Tutorial Project was initiated in the year 2017 with a motto to reach the unreached. At the initial stage the recording of eleven Honours (Core) e-Lecturers such as Botany, Physics, Zoology, Chemistry from Science Stream, Economics, English, History, Odia, Political Science, Psychology from Arts stream, Commerce and Ethics & Values were initiated. Presently most of the e-Lecturers are completed up to fifth and sixth semesters of these core papers. The outcomes of the project are widely available to all other Odisha State Government Universities such as Sambalpur University, Ravenshaw University, Fakir Mohan University, and North Odisha University for its Under Graduate courses. Such e-Lectures will also cater to the needs of the Civil service aspirants, UGC-NET applicants, Banking service aspirants, teachers and academicians in their respective disciplines.

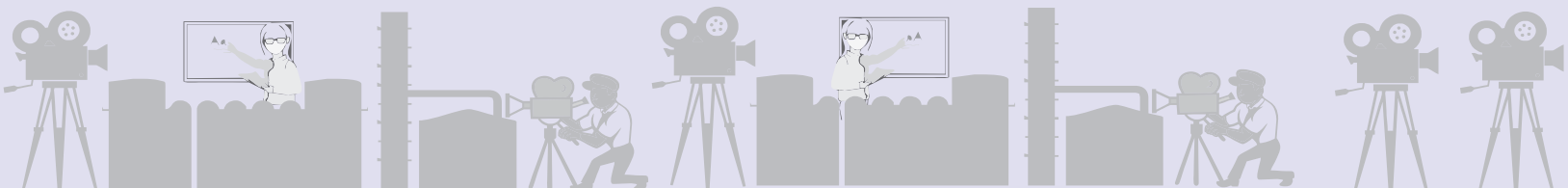
For this success I am immensely thankful to Rashtriya Uchchar Shiksha Abhiyan, Government of India and Higher Education Department, Government of Odisha for funding the project due to which Utkal University has journeyed towards perfection in Education system. I also congratulate the working group for their continuous support, coordinating and encouragement in the process of recording and delivering of e-Lectures.

A handwritten signature in black ink, appearing to read 'Sabita Acharya', written in a cursive style.

Prof. Sabita Acharya

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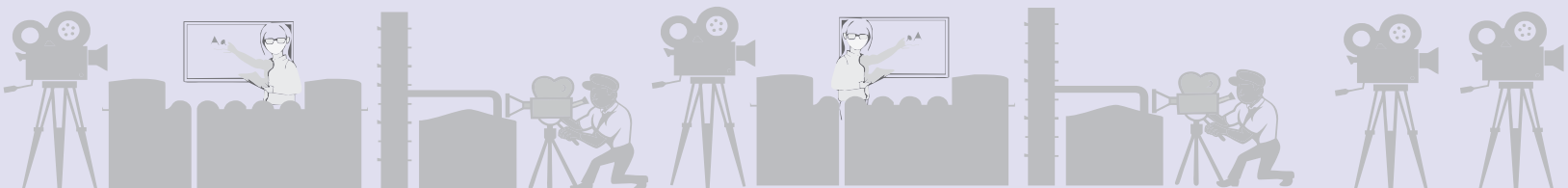


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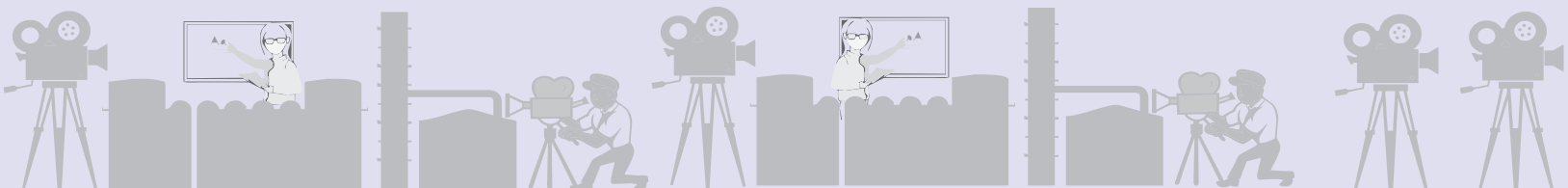
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INTRODUCTION

Brief History of VTP:

Under Rashtriya Uchchattar Shiksha Abhiyan (RUSA), Virtual Tutorial Project (VTP) was initiated in the year 2017. For the project, a total outlay of Rs. 5 Crores, has been sanctioned in 60:40 ratios by Central and State Governments. Under this project, one furnished studio was established at DDCE Campus, Utkal University to prepare e-Lecturers on various subjects for Under Graduate (UG) students in different streams. The studio was inaugurated on 27.11.2016 by the then Governor, His Excellency Dr. S. C Jamir, the Chancellor of Utkal University in presence of Prof. Asoka Kumar Das the then VC, Utkal University, Prof. S. P. Pani the Former Director, DDCE, Utkal University. In order to provide easy access to the students, the e-Lecturers have been hosted in a separate web portal developed by NIC (<http://vtputkal.odisha.gov.in/>), This was launched and inaugurated on 8th July 2021 by Dr. Arun Kumar Sahoo, former Minister of Higher Education Department, Govt. of Odisha in the presence of Sri Saswat Mishra, Former Principal Sec. HE Dept, Govt. of Odisha and Prof. A. K. Das, Vice Chair Person, OSHEC and Prof Sabita Acharya, Vice Chancellor, Utkal University.

Introduction:

The e-Lecturers will benefit a large number of students, teachers and educationists to upgrade the knowledge level discipline wise. The Under Graduate (UG) learning content (Arts, Science & Commerce) under the new Choice Based Credit Semester System Curriculum structure and the syllabi would be provided to the students in digital format to ensure adequate teaching assistants for all the students in the State Government Universities of Odisha. The lectures are prepared in bilingual mode both in English and Odia. In Science and Commerce, English language is mostly used while in Arts and Humanities the e-Lecturers are mostly recorded in Odia.

The e-Lecturers can be used through mobile phones, tablets, laptop, desktop/computer and these are also open source learning materials (with the downloading options). The Higher Education Institution can download the e-Lecturers and circulate among their students. The e-Lecturers can also be used during the tutorial classes or in the absence of a teacher the students can refer to these.

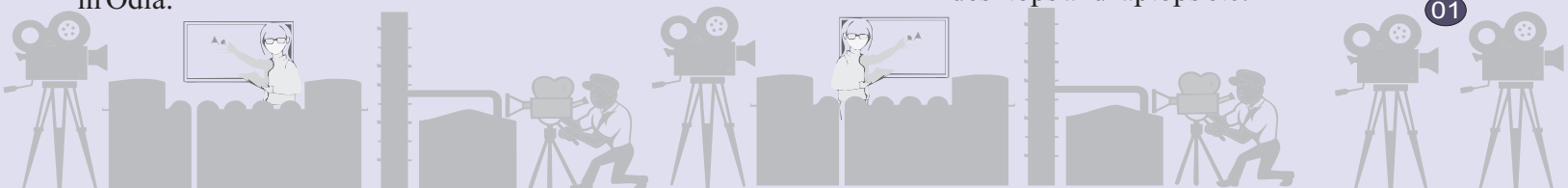
Till now, the e-Lecturers for the core papers of all semesters in eleven subjects i.e. Botany, Physics, Zoology, Chemistry (in Science Stream), Economics, English, History, Odia, Political Science, Psychology (in Arts stream), Commerce and Ethics Value subjects have been uploaded in the web portal. All the e-Lecturers are prepared at par with the common syllabus designed for the students of Government Universities of the state pursuing the Under Graduate courses in the above subjects.

AIM & OBJECTIVES:

- To create a platform for establishing learning equity amongst tribal students of Odisha across disciplines and across University through a digital mechanism.
- To provide supplement to class room teaching to colleges with inadequate teachers or otherwise.
- To provide through audio video demonstration of concept in Virtual Tutorial Mode by expert teachers and through animation software.
- To provide bilingual support to the users both in Odia and English for better understanding.

ABOUT VTP:

- Video lectures for BA, B.Sc., and B.Com (Three Year General Degree Course) are prepared under this project.
- The students can access the multimedia lesson through smart phones, Tablet, Phablets, desktops and laptops etc.



- The e-Lecturers are freely available in a dedicated website i.e. <http://vtputkal.odisha.gov.in/>. The website is designed and managed by National Informatics Center, Govt. of India.
- The B.A Component is in bilingual mode.
- The tribal students located in remote areas shall be the principal beneficiaries.
- Under RUSA Grant of Five Crores Rupees has been sanctioned to Utkal University and 3.25 Crores has been released.
- The studio has been established. Lessons are being recorded.

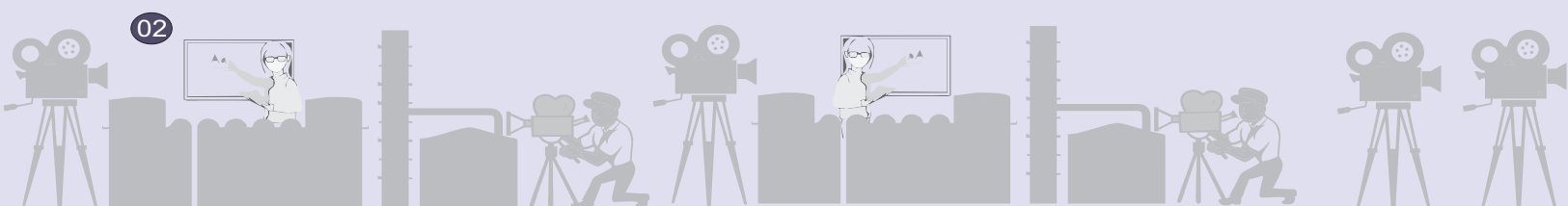
MONITORING COMMITTEE OF VTP:

Shri. Bishnupada Sethy, IAS, Principal Secretary, Higher Education, Government of Odisha	Chairman of the Committee
Prof. Asoka Das, Vice-Chairperson, OSHEC	Member
Prof. Sabita Acharya, Vice- Chancellor, Utkal University	Member
Shri Dhirendranath Kar, OAS (s) Joint Secretary Department of Higher Education Government of Odisha	Member
Sri Gautama Pradhan, Comptroller Of Finance, Utkal University	Member
Dr. Mihir Ranjan Das, Academic Consultant, OSHEC	Member
Dr. S. K. Badamali, RUSA Coordinator, Utkal University	Member
Prof. K. C. Rath, Director, DDCE, Utkal University	Member
Dr. S. K. Acharya, Coordinator, VTP	Member and Convener

COORDINATING TEAM OF VTP:

Prof. Krishna Chandra Rath	Director, DDCE, Utkal University
Dr. Sujit Kumar Acharya, Asst. Professor, DDCE, U.U.	Coordinator, VTP
Dr. Biswo Ranjan Mishra, Asst. Professor, DDCE, U.U.	Asst. Coordinator, VTP
Ms. Sony Snigdha Sahoo, Asst. Professor, DDCE, U.U.	Asst. Coordinator, VTP

Presently SRSG Broadcast India Pvt. Ltd., Kolkata is managing Software, Hardware and also providing manpower to the studio.



HOW THE VTP IS DIFFERENT FROM OTHER E-LEARNING COURSES?

- This is a joint venture by five major Universities of Odisha intending to cater to the needs of a large number of students.
- This is the only one of its kind by the Premier University of the State.
- It is developed to supplement classroom teaching and not as a means of replacing traditional way of teaching.
- It is freely available in the open source with downloading option.
- It is simple enough for students to grasp and understand the course.
- e-Lectures in Arts stream are in Odia and that for Commerce and Science are in bilingual mode
- e-Lectures target CBCS course structures and prepared as per the syllabus.
- Being a joint effort by MHRD and State Govt. of Odisha it is capable to cross the knowledge and skill boundaries.

CURRENT STATUS OF VTP:

- As on today, total recording of (after editing) more than 4350 hours of e-Lectures have been completed and out of which 2580 hours of e-Lectures are already uploaded in VTP portal.
- The e-Lecturers alone up to sixth semester of English, Economics, Odia, History, courses (each course consists of fourteen core papers) have been completed.
- The e-Lecturers of Political Science, Psychology, Commerce, Physics, Chemistry, Botany, Zoology courses up to fifth Semester are to be completed soon .
- The e-Lecturers of Education and Mathematics have been already initiated by the unit apart from the eleven Honors subjects.

The paper Ethics and Values up to third semester have been recorded and uploaded.

Table No.-1: Stream Wise e-Lecturer videos are recorded as on 3^{1st} January 2023

Commerce (Accounting Hons.)	Science (Physics, Chemistry, Botany, Zoology)	Arts (English, Economics, Odia, Political Science, History, Psychology)	Ethics & Values (First, Second & Third Module)	Total
650 Hours	1279 Hours	2371 Hours	50 Hours	4350 Hours

Source:As per the office record.

Fig. No: 1 Stream Wise e-Lecturer videos are recorded as on 3^{1st} January 2023

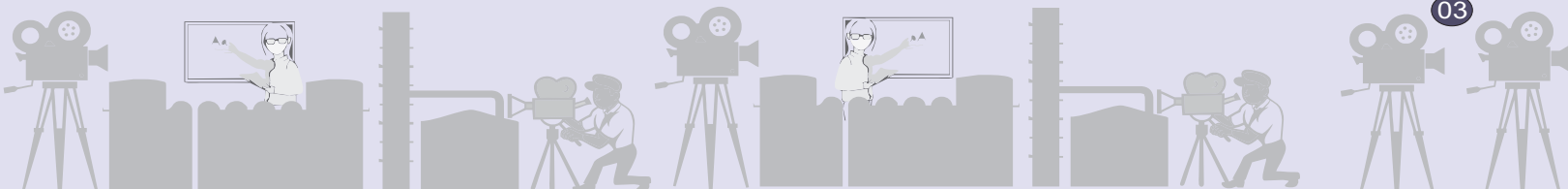
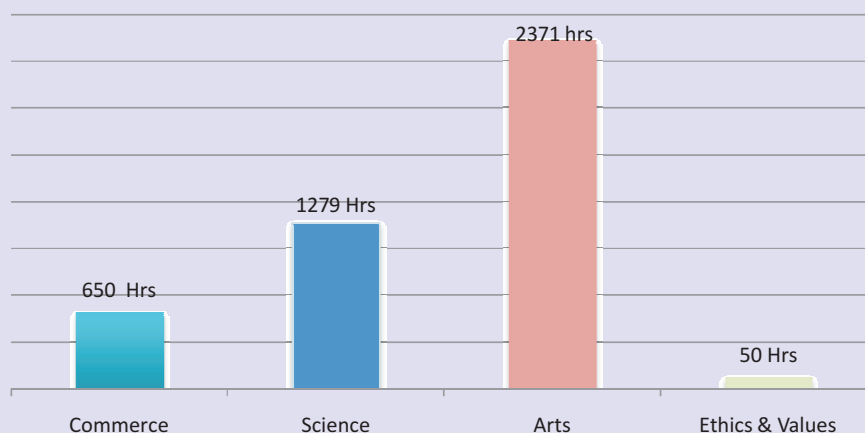


Table No.-2: Stream Wise e-Lecturer videos are uploaded in the Portal
(<https://vtputkal.odisha.gov.in/>) as on 31st January 2023.

Commerce	Science	Arts	Ethics & Values	Total
328 Hours	710 Hours	1492 Hours	50 Hours	2580 Hours

Source: (<https://vtputkal.odisha.gov.in/>)

Fig. No: 2 Stream Wise e-Lecturer videos are uploaded in the Portal (<https://vtputkal.odisha.gov.in/>) as on 31st January 2023.

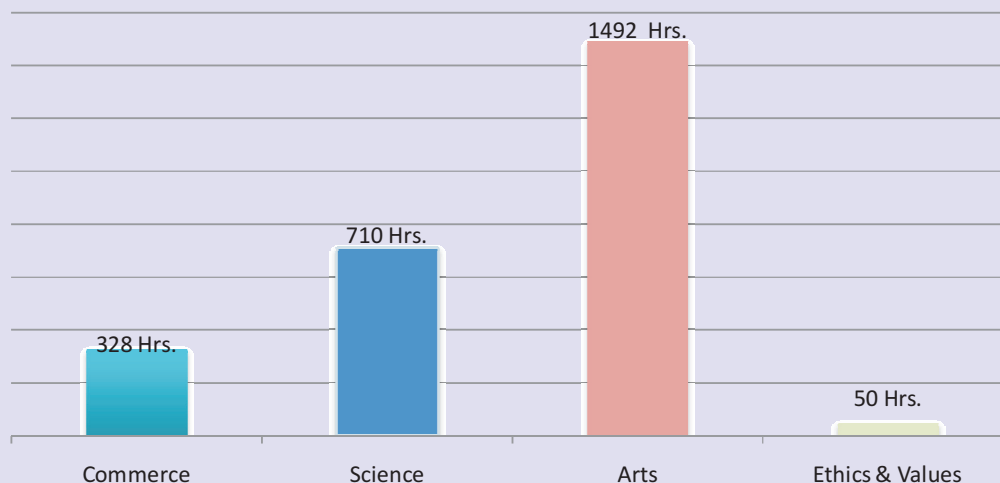


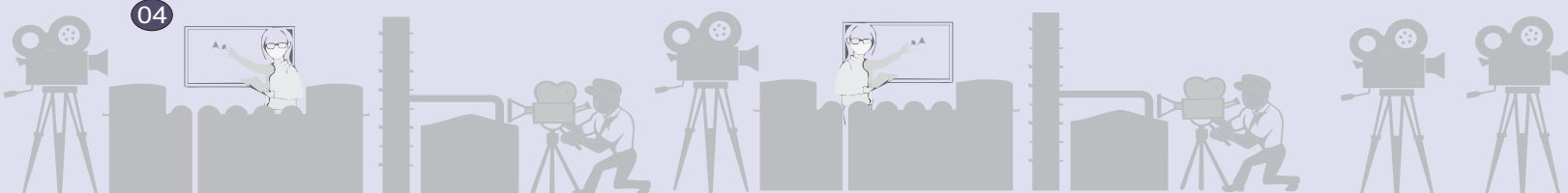
Table No.-3 Yearwise amount spent at VTP

Amount Spent in the FY 2016-17	Amount Spent in the FY 2017-18	Amount Spent in the FY 2018-19	Amount Spent in the FY 2019-20	Amount Spent in the FY 2020-21	Amount Spent in the FY 2021-22	Amount Spent in the FY 2022-23
Rs 1,47,21,370/-	Rs 32,99,524/-	Rs. 15,91,436/-	Rs. 12,21,907/-	Rs.24,40,058/-	Rs. 13,48,965/-	Rs. 48,00,692/-

Table No.-4 Fund Status of VTP

Total amount received	Total Expenditure (UC Submitted)	Balance amount*
Rs. 3,75,00,000/-	Rs. 2,94,23,912/-	Rs. 80,76,088/-

* Excluding the Bank interest



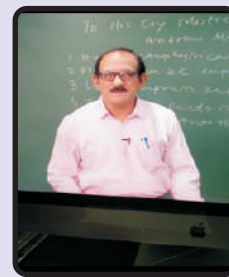
RESOURCE PERSON:

A tribute to the eminent Professors who had contributed to the e-Lectures:



Late Prof. Amareswar Mishra (Retd.)

Contributed e-Lecturer to the Political Science subject



Late Prof. N.G.P. Bhanu Pattanaik

Contributed e-Lecturer to the English subject

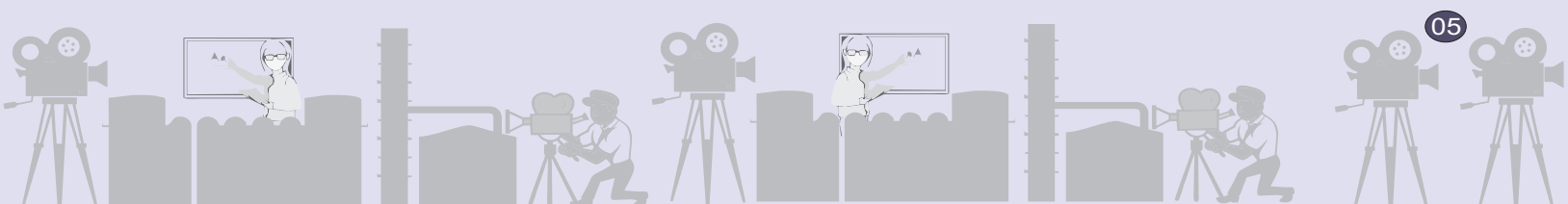
- To develop the e-Lecturers the resource persons are identified considering their subject/content knowledge, experience and clarity in expression. A teacher/Resource person takes multiple demo classes after thorough evaluation the paper is allotted. One can register to act as a resource person (<https://vtpputkal.odisha.gov.in/register/>)

- Besides the regular faculty members of Utkal University, other educational institutions, Professionals Researchers and retired teachers of Universities and colleges are approached to act as resource person.

SOME OF THE EMINENT RESOURCE PERSONS

SI NO	Name	Subject	Institute
1	Prof. Asoka Kumar Das	Physics , E&V	OSHEC
2	Prof. Sanjay Satapathy	Commerce	VC, Kalahandi University
3	Prof. Prafulla Ku Mohaty	Zoology	VC, Khallikote University
4	Prof. Susmita Prasad Pani	History	OSHEC
5	Prof. U. N Dash (Ret.)	Chemistry	Utkal University
6	Prof. Sreelekha Dash Bhata Mishra (Ret.)	Chemistry	Berhampur University
7	Dr. Pramod Ku. Tripathy	Pol.Sc	RD Women's University
8	Dr. Tusharkanta Pani	Commerce	Ravenshaw University
9	Dr. Priyabrata Kar	History	Ravenshaw University
10	Dr. Rajesh Ku. Sahoo	Chemistry	BJB (Auto) College
11	Dr. Maheswar Behera (Ret.)	Zoology	S.C.S (Auto) College
12	Prof. Satyaban Jena (Ret.)	Chemistry	Utkal University
13	Prof. Navaneeta Rath	Sociology, E&V	Utkal University
14	Dr. Kamala Prasad Mohapatra (Ret.)	English	U.N (Auto) College of Sc. & Tech.
15	Maj. Dushmantra Ku. Routaray (Ret.)	Education	Principal, P. N (Auto) College

SI NO	Name	Subject	Institute
16	Prof. Santosh Ku. Tripathy	Odia	Utkal University
17	Dr. Ramesh Chandra Malik	Odia	Utkal University
18	Prof. Durga Shankar Sadangi (Ret.)	Economics	RD Women's University
19	Dr. Sabat Ku. Digal	Commerce	RD Women's University
20	Prof. Badamali Das	Chemistry	Utkal University
21	Dr. Bhagaban Kisan	Physics	Utkal University
22	Prof. Smruti Prava Das	Chemistry	Ravenshaw University
23	Prof. Ajay Kumar Pattanaik (Ret.)	Chemistry	Ravenshaw University
24	Dr. Kalpana Sahoo	Psychology	Xavier University
25	Dr. Puspanjali Mishra (Ret.)	Botany	BJB (Auto) College
26	Dr. P. K. Satapathy	Chemistry	S.C.S (Auto) College
27	Prof. Pradipta Ku. Swain (Ret.)	English	Bhadrak (Auto) College
28	Dr. Prasanta Ku. Pradhan (Ret.)	History	U.N (Auto) College of Sc. & Tech.
29	Prof. Fakir Charan Sahoo (Ret.)	Psychology	Xavier University
30	Dr. Arun Ku. Bhera (Ret.)	Pol.Sc	Principal, Banki (Auto) College



SOME VIEWERS FEEDBACK & SUGGESTIONS

The viewers can give their feedback and suggestions which helps the unit to develop and upgrade (<https://vtputkal.odisha.gov.in/feedback/>).

Some Viewers Feedback & Suggestions are stated here:

“We need this time study for other semester exams.plz make such like videos for students. It must be helpful for bachelor students and those students who are from rural are and backward classes and middle class families also don't make money for tutorial study. In this way plz I request for quick step in this way. Thank u to all the members and lectures for this type of requi red decision. Thank u again.”

Lipsa Swain

lipsaswain7410@gmail.com

“Please add mathematics (Hon) e-classes on your portal for undergraduate student .we are requesting and hope you regarding with this. Thanks”

SOUVIK DEY

deysouvik618@gmail.com

“All the lectures of a particular subject matter are not in serial order even though the lectures are categorized chapter wise.”

Sipra Samarpita

sipra.ena@gmail.com

“Respected Sir,
All the lecture video of economics is very helpful for my study. I request that you make an econometrics lecture video because it is very necessary for our study of economics.
Thank You, Sir.”

Ganesh Chandra Gan

ganeshchandra1998@gmail.com

Source:<https://vtputkal.odisha.gov.in/securelogin>

“Sir studying from this platform creates some problem. Please add the option PICTURE QUALITY so that it will help us. Student can choose preferable picture quality for his study. So that data consumption is less. Please consider my request.”

Amar Jyoti Biswal

amarjyotibiswal9@gmail.com

“Thank you so much for giving us a new platform. No doubt we are going to a new era, creating and innovating new things and we will make it better. I request that, as soon as possible make it universal. So that all will be beneficial from it in anywhere, adding more disciplines (Hons/subjects) and work for smooth running, so that at a time a huge number of student will take classes. I suggest for the use of digital boards, slides and ICT integrated materials in classes. Apart from that all are good, the teachers are good, energetic, motivating.” By

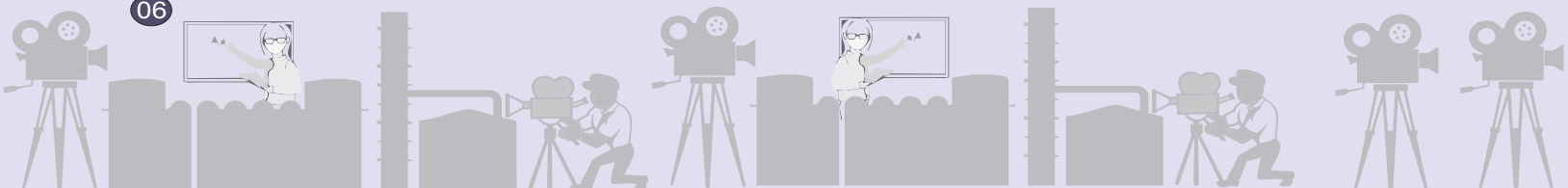
MANAS KUMAR SETH

manaseth707@gmail.com

“Sir, it's a great initiative of Utkal University and much appreciated. But there are certain problems which I would like to address and really want a solution for it since it will help all those knowledge seekers. The videos which are uploaded in the website are of higher clarity thus attracting much data which not everyone can afford. An average student has only 1.5GB data and the videos are eating up data rapidly. So its a request from my side, as a student I want the videos to be uploaded with various resolutions. Like 144p, 240p, 360p, 480p and higher, So that students can watch it according to their data plans. Thank You So Much.”

Shubhajit Nayak

nshubhajit@gmail.com



GRAPHICAL AND TABULAR REPRESENTATION OF INFORMATION

Table No : 5 Worldwide Users (The number of first-time users during July 2021 to March 2023) visited the portal (<http://vtputkal.odisha.gov.in/>)

Sl No	Country	Users in Numbers
1	India	99,174
2	United States	157
3	Singapore	91
4	France	56
5	Germany	37
6	Ethiopia	30
7	United Kingdom	26
8	Netherlands	21
9	United Arab Emirates	11
10	Canada	10
11	Others*	88
Total		99,701

Fig. No : 3 Worldwide Users (The number of first-time users during July 2021 to March 2023) visited the portal (<http://vtputkal.odisha.gov.in/>)

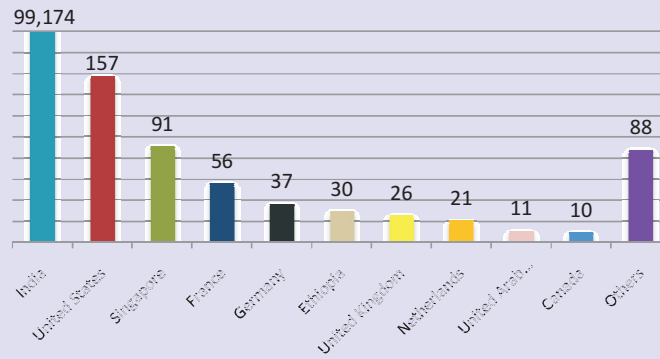
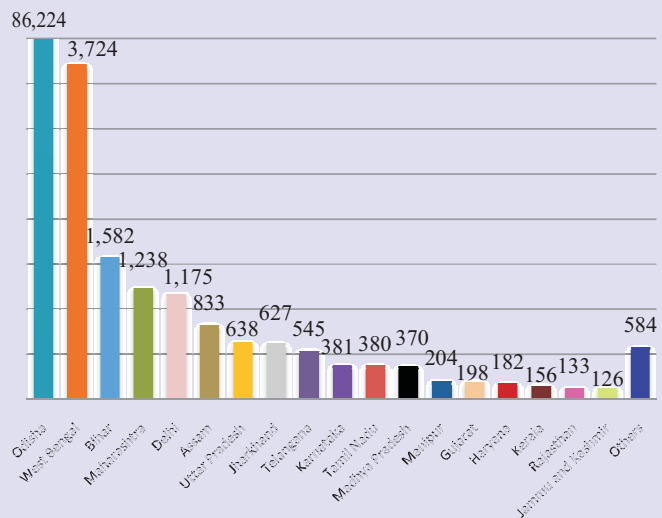


Table No : 6 State wise (INDIA) Users visited the portal (<http://vtputkal.odisha.gov.in/>)

Sl No.	State	Number	Percentage
1	Odisha	86,224	86.82%
2	West Bengal	3,724	3.76%
3	Bihar	1,582	1.60%
4	Maharashtra	1,238	1.25%
5	Delhi	1,175	1.18%
6	Assam	833	0.84%
7	Uttar Pradesh	638	0.64%
8	Jharkhand	627	0.63%
9	Telangana	545	0.55%
10	Karnataka	381	0.38%
11	Tamil Nadu	380	0.38%
12	Madhya Pradesh	370	0.37%
13	Manipur	204	0.21%
14	Gujarat	198	0.20%
15	Haryana	182	0.18%
16	Kerala	156	0.16%
17	Rajasthan	133	0.13%
18	Others**	584	0.72%
Total		99,174	

Fig. No : 4 State wise (INDIA) Users visited the portal (<http://vtputkal.odisha.gov.in/>)



* : Other Includes Country like Japan, China, Australia, German, Bangladesh, Afganistan, Belgium, Brazil, Denmark, Ghana, Fiji, Mexico,

** : Others Includes Jammu and Kashmir, Andhra Pradesh, Chhattisgarh, Punjab, Meghalaya, Tripura, Himachal Pradesh, Nagaland, Chandigarh, Uttarakhand, Goa, Mizoram, Sikkim, Puducherry, Arunachal Pradesh, Dadra and Nagar Haveli and Daman and Diu, Andaman and Nicobar Islands & Ladakh

Note : The graphs are not in actual size as there is a huge gap between the highest with the lowest.

Source: <https://analytics.google.com>

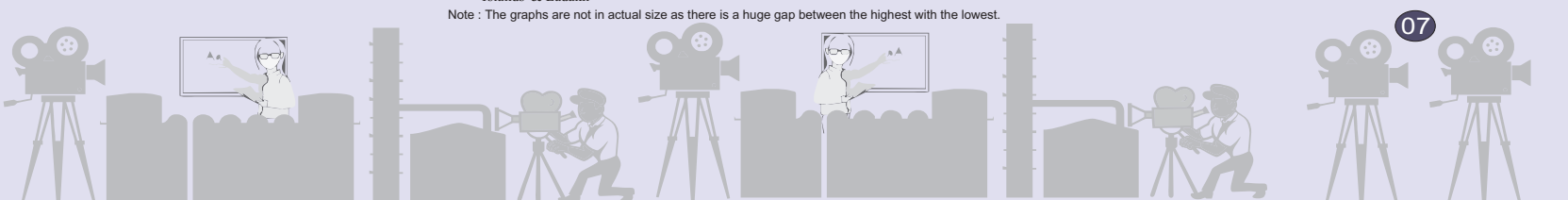
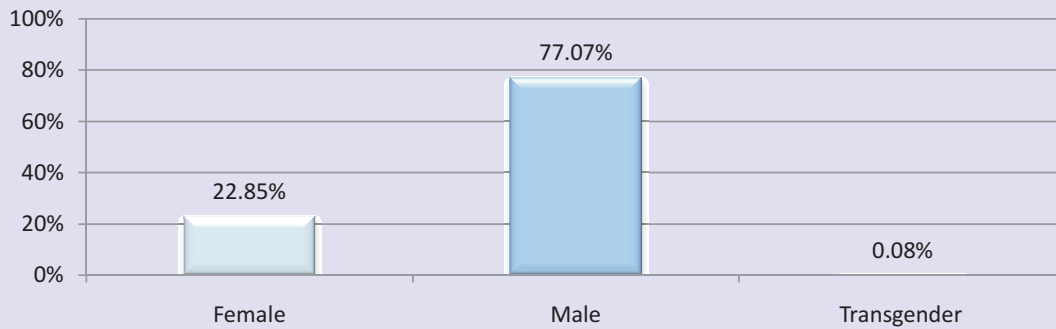
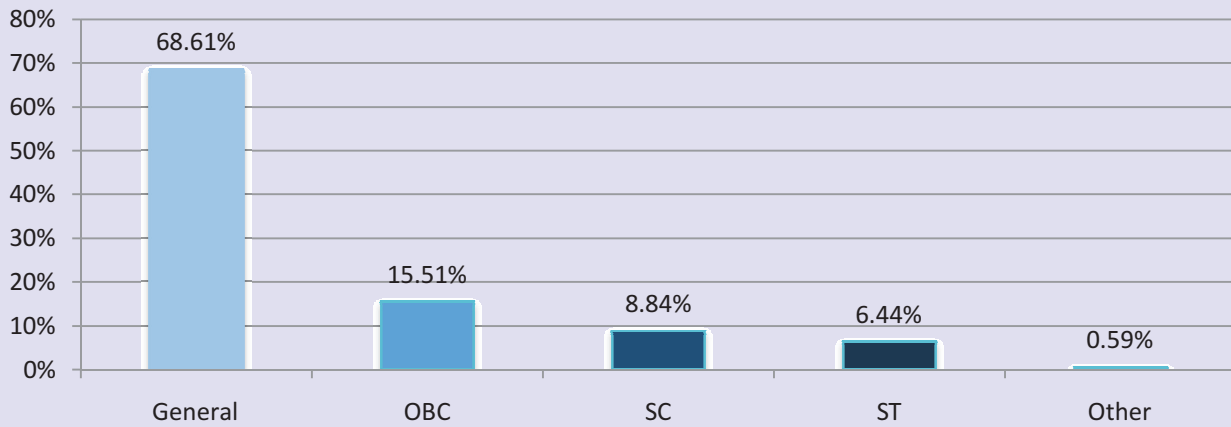


Figure No.5: Gender wise percentage of Visitors downloaded e-Lectures from the portal (<https://vtputkal.odisha.gov.in/>) since July 2021 to March2023.



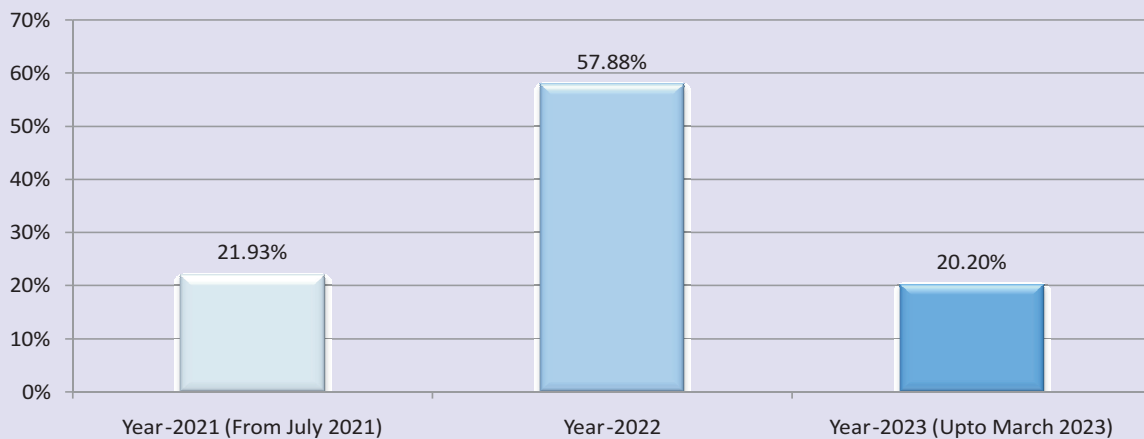
(Source: <https://vtputkal.odisha.gov.in/securelogin>)

Figure No.6: Category wise percentage of Visitors downloaded e-Lectures from the portal (<https://vtputkal.odisha.gov.in/>) since July 2021 to March 2023.



(Source: <https://vtputkal.odisha.gov.in/securelogin>)

Figure No.7:Year wise percentage of Visitors downloaded e-Lectures from the portal (<https://vtputkal.odisha.gov.in/>) since July 2021 to March2023.



(Source: <https://vtputkal.odisha.gov.in/securelogin>)

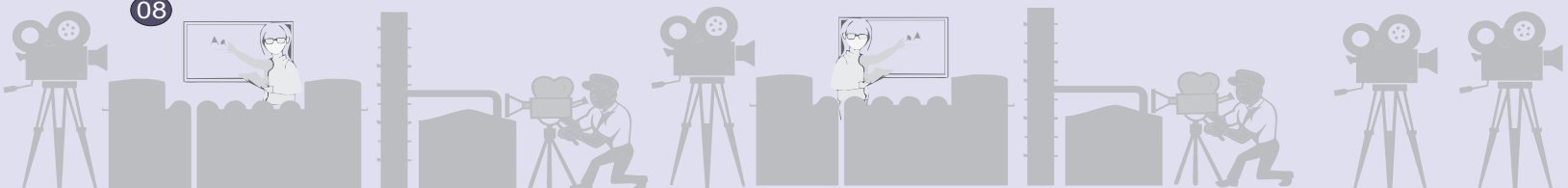
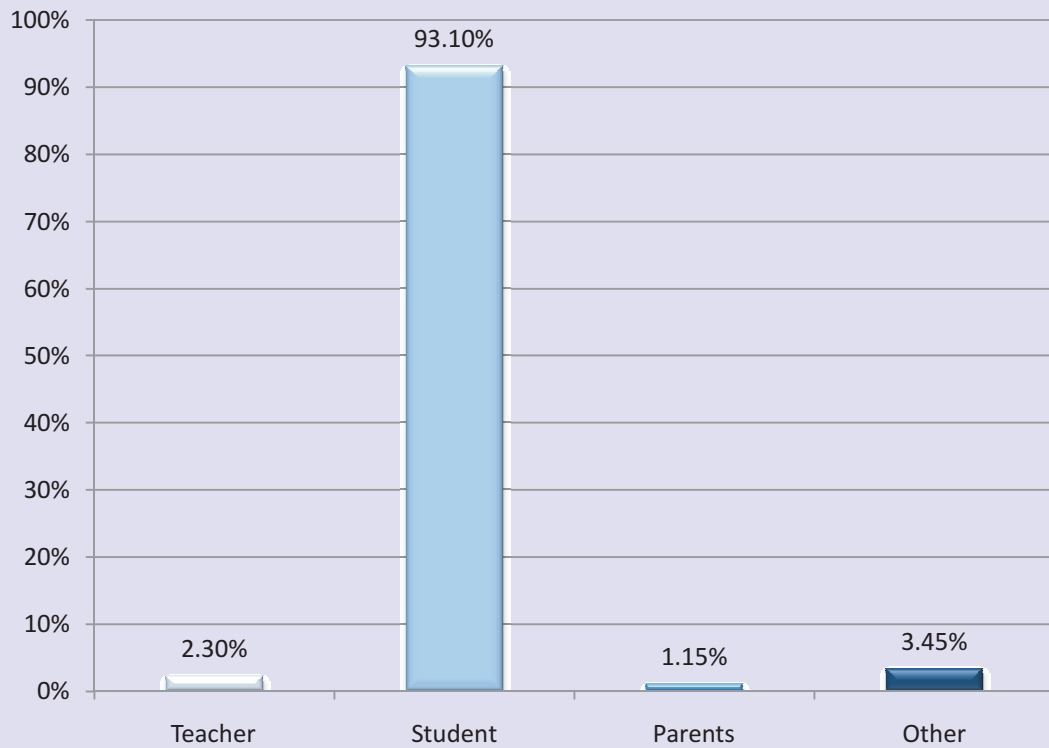
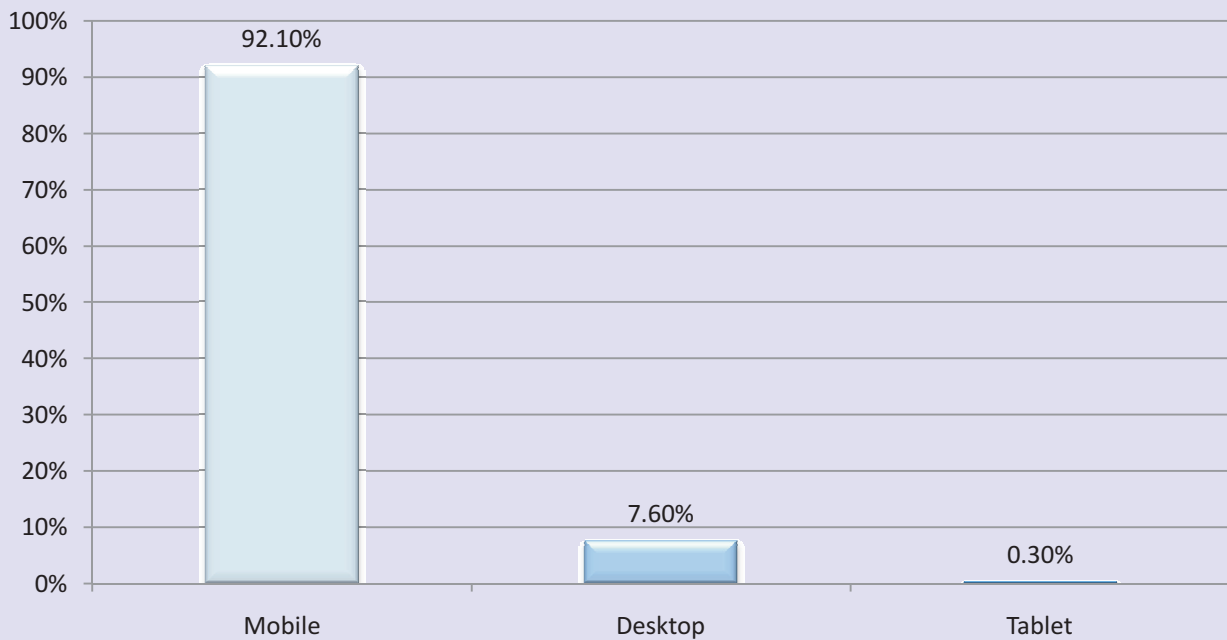


Fig No.8: Feedback about the e-Lectures submitted by the visitors since July 2021 to March 2023.



(Source: <https://vtputkal.odisha.gov.in/securelogin>)

Fig No.9: Device used to visit the portal (<https://vtputkal.odisha.gov.in/>) by the visitors since July 2021 to March 2023.



(Source: <https://analytics.google.com/>)

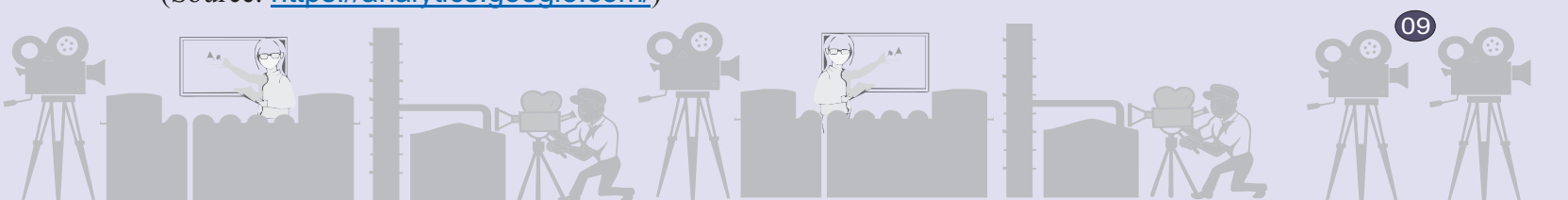


PHOTO GALLERY : STUDIO ESTABLISHMENT



Fig. No. 10



Fig. No. 11

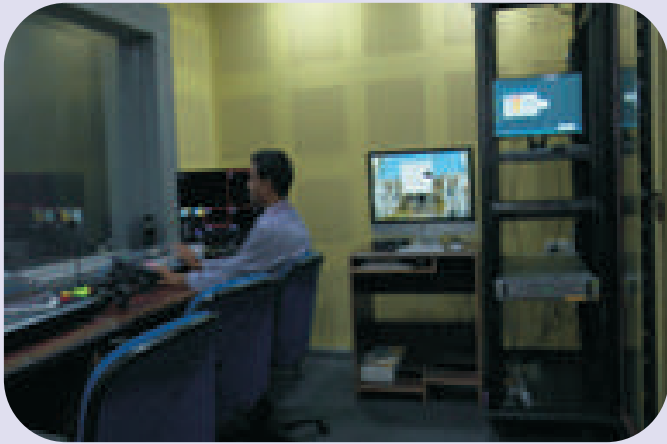


Fig. No. 12



Fig. No. 13



Fig. No. 14



Fig. No. 15

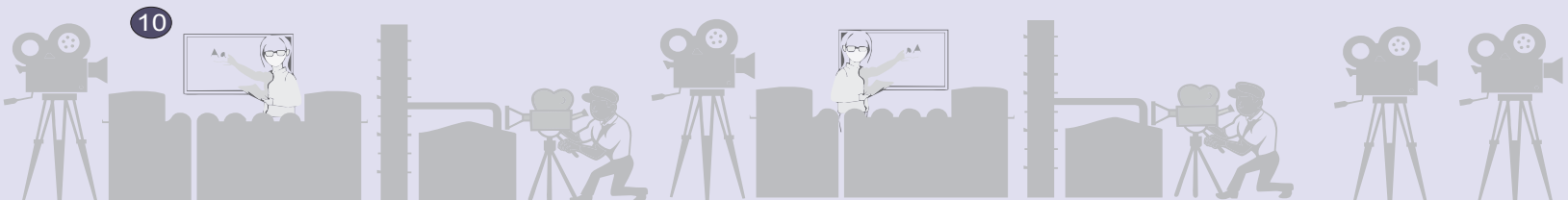


PHOTO GALLERY : STUDIO ESTABLISHMENT



Fig. No. 16



Fig. No. 17



Fig. No. 18



Fig. No. 19



Fig. No. 20



Fig. No. 21

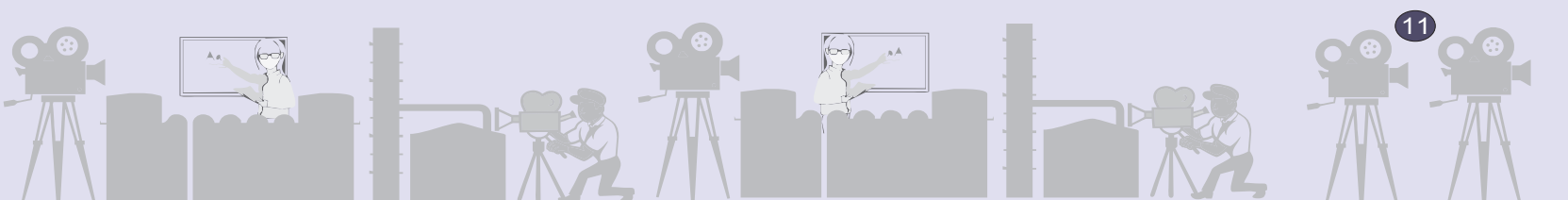


PHOTO GALLERY: LAUNCHING OF E-PORTAL ON 8TH JULY 2021.



Fig. No. 22



Fig. No. 23



Fig. No. 24



Fig. No. 25



Fig. No. 26



Fig. No. 27

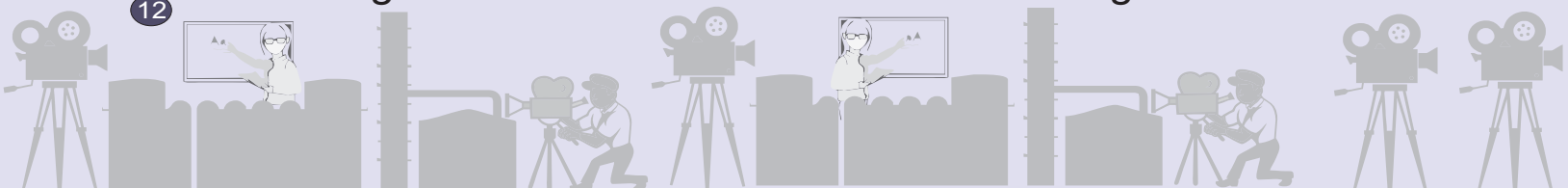


PHOTO GALLERY: MONITORING COMMITTEE MEETING (29.02.2020 & 20.08.2020)



Fig. No. 28



Fig. No. 29



Fig. No. 30



Fig. No. 31



Fig. No. 32



Fig. No. 33

PHOTO GALLERY: LECTURES IN PROGRESS



Prof. Asoka Ku. Das



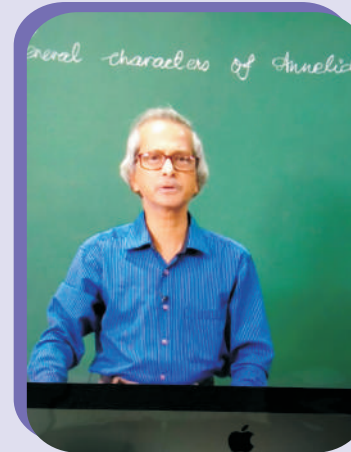
Prof. Sabita Acharya



Prof. Susmit Prasad Pani



Prof. Krishna Ch. Rath



Prof. Prafulla Ku. Mohanty



Prof. Navaneeta Rath



Dr. Netaji Upadhyaya



Prof. Sreelekha Bhatamishra



Prof. Kamala Prasad Mohapatra



PHOTO GALLERY: LECTURES IN PROGRESS



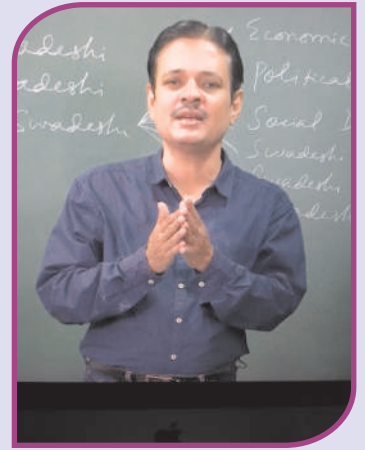
Dr. Rajesh Ku. Sahoo



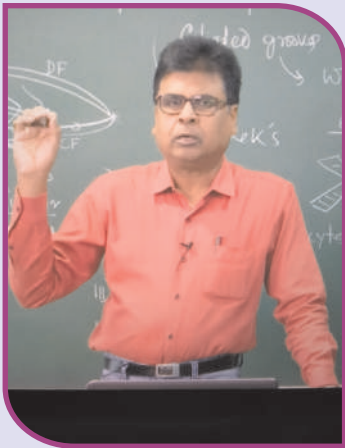
Dr. Nirjharini Tripathy



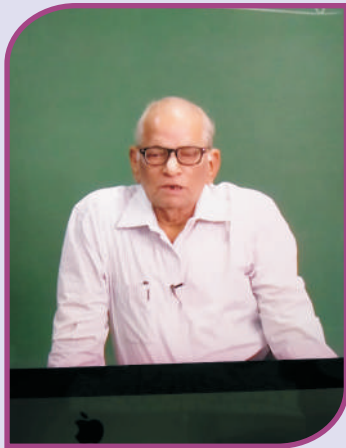
Dr. Sujit Ku. Acharya



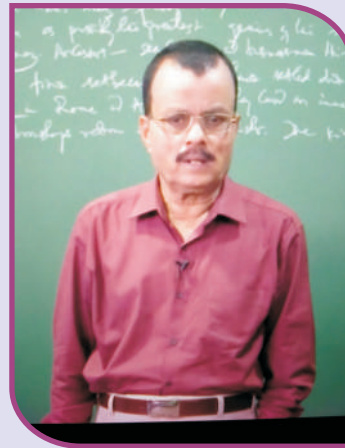
Dr. Pramod Ku. Tripathy



Dr. Debansu S. Pramanik



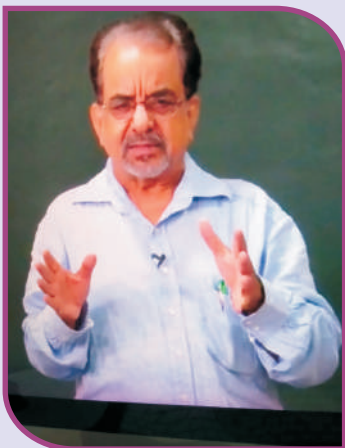
Prof. U. N. Das



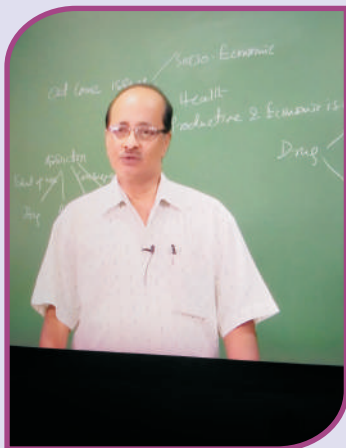
Dr. Pradipta Ku. Swain



Dr. Soma Chand



Prof. Gyanendra Sharma



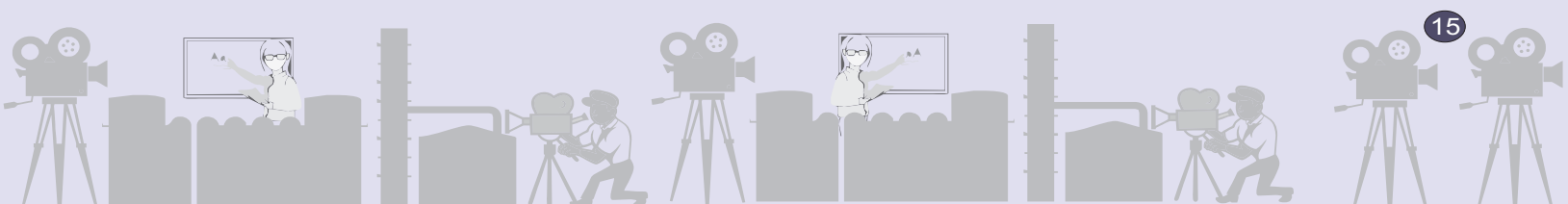
Prof. Pabitra Mohan Nanda



Dr. Biswo Ranjan Mishra



Ms. Sony Snigdha Sahoo



NEWS IN PRINT MEDIA

ଯୁଜି ପିଲାଙ୍କ ପାଇଁ ଇ-ଲେକଚର



ଭୁବନେଶ୍ୱର, ୮/୭(ରମିପା): କୋଭିଡ୍-୧୯ ମନାଯିବା ପରେ ଶିକ୍ଷା ନିର୍ଦ୍ଦେଶାଳୟ(ଡିଡିଏଲ)ଠାରେ ଏକ ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି। ଏହି ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି। ଏହି ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି।

କୃତ୍ରିମ ଉପାଦାନରେ ଅତି ଆୟତ୍ତିତ ଏକ ମୁକ୍ତ କାର୍ଯ୍ୟକ୍ରମରେ ଇ-ଲେକଚରକୁ ଲୋକାର୍ପଣ କରି ଶ୍ରୀ ପ୍ରଭୁ କରକେ ଦାକ୍ଷିଣ୍ୟ ଭେଦରେ ଶିକ୍ଷା ଅଭିଯାନ(ଡୁଏ) ଅନ୍ତର୍ଗତ ଇ-ଲେକଚର ପୋର୍ଟାଲକୁ ପ୍ରକାଶ ୨୦୧୨ରେ ଆରମ୍ଭ ହୋଇଥିଲା। ଏ କୋଟି ବ୍ୟୟରେ ଏହି ପ୍ରକଳ୍ପରେ ଲେଖକ ଓ ଡାକ୍ତର ମନୋଜ ୬୦:୪୦ ଅନୁପାତରେ ଅର୍ଥ ପ୍ରଦାନ କରିଥିଲେ। ଯୁଜି ଛାତ୍ରଛାତ୍ରୀଙ୍କ ପାଇଁ ବିଭିନ୍ନ ବିଷୟରେ ଇ-ଲେକଚର

ପ୍ରସ୍ତୁତ କରିବା ନିମନ୍ତେ ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟର ପୂର୍ବ ନିରୀକ୍ଷଣ ଶିକ୍ଷା ନିର୍ଦ୍ଦେଶାଳୟ(ଡିଡିଏଲ)ଠାରେ ଏକ ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି। ଏହି ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି।

ପ୍ରଥମ ଓ ଦ୍ୱିତୀୟ ସେମିଷ୍ଟରର ୧୧ ବିଷୟ ସାମିଲ

ଏକ ମୁକ୍ତ ପୋର୍ଟାଲ 'https://vputkal.odisha.gov.in' ରେ ପ୍ରସ୍ତୁତ ଇ-ଲେକଚରକୁ ଏଥିରେ ଛାନ୍ଦିତ ହୋଇଛି। ଛାତ୍ରଛାତ୍ରୀ ଓ ଅଧ୍ୟାପକମାନେ ଅଧିକାରୀ ଏହି ନିମ୍ନଲିଖିତ ଇ-ଲେକଚରକୁ ପାଠ୍ୟପାଠ୍ୟରେ ପ୍ରଥମ ପର୍ଯ୍ୟାୟରେ ପ୍ରଥମ ଓ ଦ୍ୱିତୀୟ ସେମିଷ୍ଟରର ୧୧ଟି ବିଷୟ ଯଥା ଉପର୍ଯ୍ୟ ବିଜ୍ଞାନ, ରାସାୟନ ବିଜ୍ଞାନ, ପ୍ରାଣୀ ବିଜ୍ଞାନ, ଭୌତିକ ବିଜ୍ଞାନ, ଡାକ୍ତରୀ ବିଜ୍ଞାନ, ଓଡ଼ିଆ, ଇତିହାସ, ଇଂରାଜୀ, ମନୋବିଜ୍ଞାନ, ଗଣିତ ଓ ଅନ୍ତର୍ଗତ ବିଷୟରେ ଲେଖକ ଯେଉଁଠି ଇ-ଲେକଚର ପ୍ରସ୍ତୁତ କରାଯାଇ ପୋର୍ଟାଲରେ ଅପଲୋଡ୍ କରାଯାଇଛି। ଏହି ପୋର୍ଟାଲରେ ଏହି ୧୧ଟି ବିଷୟରେ ଇ-ଲେକଚର ଯଥା ସମୟରେ ଅପଲୋଡ୍ କରାଯିବ। ଉପରୋକ୍ତ ସମସ୍ତ ବିଷୟରେ ଇ-ଲେକଚର ପ୍ରସ୍ତୁତ କରାଯିବ।

ଲୋକାର୍ପଣ କାର୍ଯ୍ୟକ୍ରମରେ ଉପସ୍ଥିତ ବିଭାଗ ପ୍ରମୁଖ କର୍ମଚାରୀମାନେ ଉପସ୍ଥିତ ମିଶ୍ର, ଓଡ଼ିଶା ଉଚ୍ଚଶିକ୍ଷା ଉପାଦେୟ ବିଭାଗର ପ୍ରଧାନ ଅଧିକାରୀ କୁମାର ଦାସ, ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ କୁଳପତି ପ୍ରଫୁଲ୍ଲ ମହାନ୍ତି ଆଦି ଉପସ୍ଥିତ ଥିଲେ।

ଅଣ୍ଡର ଗ୍ରାଜୁଏଟ ପିଲାଙ୍କ ଲାଗି ଇ-କଲଚର ଲୋକାର୍ପଣ

ଭୁବନେଶ୍ୱର, ୮/୭(ବୁଧବେ)

ଅଣ୍ଡର ଗ୍ରାଜୁଏଟ ଛାତ୍ରଛାତ୍ରୀଙ୍କ ପାଇଁ ବିଭିନ୍ନ ବିଷୟରେ ଇ-ଲେକଚର ପ୍ରସ୍ତୁତ କରିବା ନିମନ୍ତେ ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟର ପୂର୍ବ ନିରୀକ୍ଷଣ ଶିକ୍ଷା ନିର୍ଦ୍ଦେଶାଳୟ(ଡିଡିଏଲ)ଠାରେ ଏକ ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି। ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ସହଜରେ ଉପଲବ୍ଧ କରାଇବା ପାଇଁ ଏହି ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଥିବା ଏକ ଖବର ପୋର୍ଟାଲ <http://vputkal.odisha.gov.in> ରେ ପ୍ରସ୍ତୁତ ଇ-ଲେକଚରକୁ ଏହି ଉତ୍ସର୍ଗାତ୍ମକ କୃତିତ୍ୱ ନିର୍ମାଣ କରାଯାଇଛି। ଛାତ୍ରଛାତ୍ରୀ ଓ ଅଧ୍ୟାପକମାନେ ଏହି ଇ-ଲେକଚରକୁ ନିମ୍ନଲିଖିତ ପାଠ୍ୟପାଠ୍ୟରେ ପ୍ରଥମ ଓ ଦ୍ୱିତୀୟ ସେମିଷ୍ଟରର ୧୧ଟି ବିଷୟ ଯଥା ଉପର୍ଯ୍ୟ ବିଜ୍ଞାନ, ରାସାୟନ ବିଜ୍ଞାନ, ପ୍ରାଣୀବିଜ୍ଞାନ, ଭୌତିକ ବିଜ୍ଞାନ, ଡାକ୍ତରୀ ବିଜ୍ଞାନ, ଓଡ଼ିଆ, ଇତିହାସ, ଇଂରାଜୀ, ମନୋବିଜ୍ଞାନ, ଗଣିତ ଓ ଅନ୍ତର୍ଗତ ବିଷୟରେ ଲେଖକ ଯେଉଁଠି ଇ-ଲେକଚର ପ୍ରସ୍ତୁତ କରାଯାଇ ପୋର୍ଟାଲରେ ଅପଲୋଡ୍ କରାଯାଇଛି।

କୋଭିଡ୍-୧୯ ଛୁଟିରେ ଶ୍ରେଣୀଗୁଡ଼ିକରେ ପ୍ରତ୍ୟକ୍ଷ ଶିକ୍ଷାଦାନ ବିଶେଷଭାବେ ବାଧାପ୍ରସ୍ତ ହୋଇଛି। ତେଣୁ ଛାତ୍ରଛାତ୍ରୀଙ୍କୁ ବିକଳ ଶିକ୍ଷା ପ୍ରଦାନ ନିମନ୍ତେ ଇ-ଲେକଚର ଉପଯୋଗୀ ହୋଇପାରିବ। ଇ-ଲେକଚର ମାଧ୍ୟମରେ ଅଣ୍ଡର ଗ୍ରାଜୁଏଟ ଛାତ୍ରଛାତ୍ରୀମାନେ ଅଧିକ ଭାବେ ଉପକୃତ ହୋଇପାରିବେ। ଏହା ଶିକ୍ଷାଦାନ ପଦ୍ଧତିକୁ ଅଧିକ ମୁକ୍ତ କରିବ ବୋଲି କୁମ୍ଭୀରୀ ଅନୁଭବ କୁମାର ଆୟୋଜିତ ଏକ କାର୍ଯ୍ୟକ୍ରମରେ ମନ୍ତ୍ରୀ ସାହୁ ଇ-ଲେକଚର କାର୍ଯ୍ୟକ୍ରମକୁ ଛାତ୍ରଛାତ୍ରୀଙ୍କ ଭବିଷ୍ୟତରେ ଲୋକାର୍ପଣ କରିଛନ୍ତି।

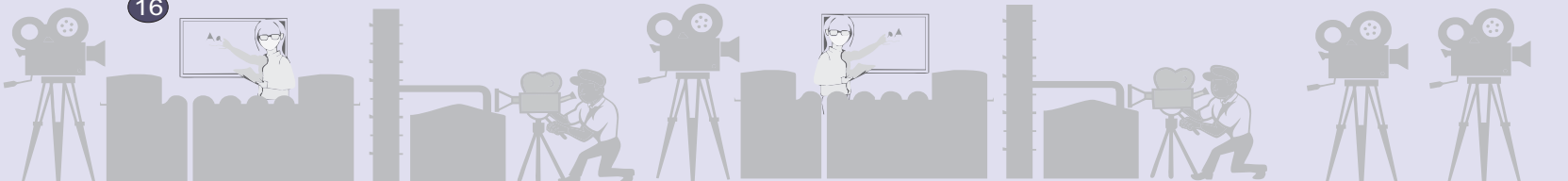
ପୂର୍ବନାୟକ, ରାଷ୍ଟ୍ରୀୟ ଉଚ୍ଚତର ଶିକ୍ଷା ଅଭିଯାନ(ରୁଏ) ଅନ୍ତର୍ଗତ ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ ପ୍ରକଳ୍ପ ୨୦୧୨ରେ ଆରମ୍ଭ ହୋଇଥିଲା। ସମସ୍ତ ବିଷୟରେ ଏହି ପ୍ରକଳ୍ପରେ କେନ୍ଦ୍ର ଓ ରାଜ୍ୟ ସରକାର ୬୦:୪୦ ଅନୁପାତରେ ଅର୍ଥ ପ୍ରଦାନ କରିଥିଲେ। ବିଭିନ୍ନ

e-Lectures portal for UG students launched

POST NEWS NETWORK

Bhubaneswar, July 8: Higher Education Minister Arun Sahoo Thursday launched the e-Lectures portal developed by DDCE, Utkal University. The portal <https://vputkal.odisha.gov.in> provides HD quality recorded lectures of eminent teachers which can be seen and downloaded by students and teachers free of cost. At present, the e-Lectures of UG 1st and 2nd semesters, exactly as per the choice based credit system (CBCS) syllabus, are available in 11 subjects (one from commerce stream, four from science and six from humanities). These 11 subjects are physics, chemistry, zoology, botany, political science, odia, history, english, psychology, economics & commerce. Gradually, e-Lectures for other semesters and other subjects will be added to the portal. "The recording of the lectures for first and second semester have been completed and uploaded on the portal. There are plans to record lecturers for courses of 3rd, 4th, 5th and 6th semesters at the earliest," said Sahoo. The project is being implemented under Rashtriya Uchchatar Shiksha Abhiyan (RUSA). The total cost is 55 crore which has been given by center and state in 60:40 ratio re-

spectively. The Directorate of Distance & Continuing Education (DDCE) of Utkal University had planned to implement virtual tutorial (VT) project from January 2020. The DDCE has been asked to be ready with the semester-wise and subject-wise VT classes. Expert teachers will take the classes at the studio in DDCE here. The recordings will be played in the smart classrooms opened in 101 colleges. Expert teachers on specific subjects have been chosen and they will be asked to take the classes both in Odia and English. The DDCE shall give the list of teachers to the HE department in to ensure that the said teachers are spared by the respective colleges for VT classes. The duration for VT classes will be of 30 minutes each. A summary of what was taught should be shown in PPT format at the end of each class and also in the beginning of the next one. Earlier, School & Mass Education (S&ME) Minister Samir Ranjan Dash had launched two portals: e-PATHSHALA and e-MULAYANKAN, developed by Odisha School Education Programme Authority (OSEPA) for evaluation of teaching imparted to students through online and its fruitfulness.



HONS./ CORE/ HOUR WISE E-LECTURER RECORDED AND EDITED*

Odia		English		Economics		POL.SC		History		Psychology		Commerce	
CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR
1	25	1	31	1	23	1	25	1	24	1	30	1	39
2	25	2	21	2	29	2	37	2	30	2	32	2	30
3	32	3	23	3	24	3	20	3	24	3	28	3	39
4	30	4	19	4	25	4	22	4	25	4	33	4	30
5	33	5	30	5	30	5	26	5	28	5	24	5	36
6	20	6	32	6	29	6	25	6	24	6	34	6	39
7	24	7	24	7	41	7	29	7	28	7	28	7	29
8	22	8	25	8	26	8	24	8	22	8	28	8	25
9	21	9	26	9	26	9	39	9	22	9	26	9	27
10	24	10	27	10	24	10	27	10	24	10	35	10	32
11	28	11	25	11	27	11	25	11	25	11	30	11	25
12	28	12	26	12	25	12	24	12	8	12	24	12	29
13	26	13	23	13	23	13	23	13	15	13	27	13	36
14	X	14	X	14	2	14	26	14	X	14	30	14	X

Botany		Zoology		Physics		Chemistry	
CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR	CORE	NO OF HOUR
1	18	1	35	1	35	1	22
2	25	2	35	2	39	2	28
3	20	3	36	3	33	3	28
4	20	4	35	4	30	4	19
5	20	5	26	5	28	5	27
6	21	6	27	6	28	6	24
7	23	7	25	7	32	7	25
8	28	8	26	8	26	8	34
9	28	9	25	9	32	9	31
10	28	10	25	10	18	10	31
11	22	11	X	11	X	11	26
12	22	12	X	12	X	12	24
13	28	13	X	13	X	13	X
14	X	14	X	14	X	14	X

* The above table excludes the e-Lecturers on Ethics and Values, Elective and AECC papers.

* The hours mentioned in the table is the final edited version after recording

