TWO WEEKS CAPACITY BUILDING PROGRAMME FOR RESEARCH SCHOLARS IN SOCIAL SCIENCE: DATA ANALYSIS USING EXCEL

Course Dates: (Tentative)	6 December – 18 December 2021

Organised by

CoE in Human Capital Development

UtkalUniversity,Bhubaneswar-751004,

Odisha,India

WEBSITE:
www.utkaluniversity.nic.in

ImportantDates:

Last date of receipt of application: 20November2021

Selection to be communicated:

22November2021

Confirmationbythecandidatewithpayment:26November2021

Course dates:
29 November - 11December2021

Overview of the Course

Keeping in perspective the need for quality research and utilizing modern statistical tools for handling research data in most efficient manner the proposed Course aims to provide the resources and know-how for the benefit of the students pursuing research. Data analysis is a process used by researchers for reducing data to a story and interpreting it to derive insights. The data analysis process helps in reducing a large chunk of data into smaller fragments, which makes sense. Three essential things take place during the data analysis process — the first data organization. Summarization and categorization together contribute to becoming the second known method used for data reduction. It helps in finding patterns and themes in the data for easy identification and linking. Third and the last way is data analysis – researchers do it in both top-down or bottom-up fashion. Excel is everywhere. It's the go-to analysis tool and spreadsheet software for many business users. With Tableau, it is even more powerful, with a drag-and-drop approach to visual analysis, Tableau makes exploring Excel data faster and easier. You can ask and answer questions as you go, instead of running separate reports or cross-tabs for every question. Tableau visualizations are interactive and highly shareable, helping everyone in your business get answers.

Objectivesofthe Course

Followingarethemainobjectivesof theproposedCourse:
- ToacquainttheresearchscholarswiththebasicsofExcel.
- Toexposethem tothenewconcepts in Excel.
- Toacquaintresearch scholarswith appropriate selectionof

ORGANISINGCOMMITTEE

Patron:

Professor S. Achrya
Vice-Chancellor

Advisor:

Professor N. N. Das
Coordinator, WB
project, UU

Convener:

Prof. Mitali Chinara

CourseDirector:

Dr. Madhuchhanda Mohanty
Dr.AlokRanjanBehera

PedagogyoftheCourse:

1. LectureMethod
2. Hands-onexperienceofExcel

ResourcePersons:

TheresourcepersonsfromdifferentpremierinstitutionswilldelivertheexpertiseinthetrainingCourse.

Venue of the Course:
Gallery 'C',
New Arts Block,
Department of A&A Economics,
UtkalUniversity, VaniVihar,
Bhubaneswar

appropriate tools to analyse the data in excel.

- Totrain the participants on the use ofExcel techniqueindataanalysisinthefieldofsocialsciences.
- To provide hands on training for the use of Excel foranalysisofdifferenttypesofdata.
- To give each and every participant a practical experience of conducting excel and to undertake data analysis on the same to come up with appropriate results.

Brief Summary of Course Content

1. Introduction to different elements in excel
2. Creating effective spread sheet (Design of spread sheet)
3. Creating effective spread sheet (Design of spread sheet)
4. Popular tools in excel
5. Popular tools in excel
6. Data Analysis
7. Creating dynamic report
8. Excel Add-in
9. Worksheet Auditing (Data cleaning)
10. Data Visualization
11. Advanced formula on excel function
12. Data entry & survey form design
13. Some popular tricks in excel

Eligibility

All students pusuing PhD in any recognized Indian university/research institute from any branch of Social Sciencesmay send their application for this training Course.

Thecandidatesshouldhavebasicknowledgeofstatisticsandcomputerapplication.And must have personal laptop for hands on training.

Classes will be held in the afternoon for 3 hours during the course for two weeks.

Intake

The maximum intake for the Course shall be 30. Those who have attended any such type of program during the last one year should not apply. Leave is not allowed during the training period. The participants shall beselected for the Course on the basis recommendation of the guide/HoD. The participants are required to bring their own Laptops to get hands-on experience on the statistical software in the Course.

CONTACTDETAILS:

Dr.AlokRanjanBehera
Cocoordinator, CoE in Human Capital Development,UtkalUniversity,Vani ViharBhubaneswar –751004 Odisha,India
E-mail:coehcd@gmail.com
Mobile:+919439196280/

Application Procedure

Interested candidates may apply to Course Director along with **duly filled registration form on or before 4 November 2021**. Registration form is enclosed with the brochure. Registration form can also bedownloaded from the link given. The registration form to CourseDirector both in hard and soft copies duly forwarded by their PhD supervisor /Head of the Department with following enclosures:

1. Duly filled in prescribed Registration Form
2. Brief CV of the applicant

RegistrationFee,TAandAccommodation

There is a registration fee for the Course of Rs. 500. Boarding and lodging facilities are not available for the participants. Travelling allowances are also not allowed.

AbouttheUniversity

Utkal University (NAAC'A+' accredited), Bhubaneswar is the 17ᵗʰ oldest University of India and the Mother University of the state of Odisha. Being established in 1943, it caters to the learning needs ofabout 1.5 crore people belonging to nine districts of the state. It is ateaching-cum-researchuniversityoffering27full-fledgedregularPost-Graduate Departments and 17 Self Financing programs withinthe campus. The Centre of Excellence in Human Capital Development is a Centre funded by the World Bank Odisha Higher Education Programme for Equity and Excellence established with the objective of enhancing the quality of human capital.

TWO WEEKS CAPACITY BUILDING PROGRAMME FOR RESEARCH SCHOLARS IN SOCIAL SCIENCE: DATA ANALYSIS USING EXCEL

Organizedby

Centre of Excellence in Human Capital Development
UtkalUniversity,VaniVihar,Bhubaneswar,Odisha-751004

REGISTRATIONFORM

1.	Program	Two Weeks Capacity Building Programme For Research Scholars in Social Science: Data Analysis Using Excel
2.	DurationoftheCourse	06 December – 18 December, 2021
3.	Name	
4.	Name of the department	
5.	SpecifyyourMasterdegreesubject	
6.	Which course you are in	M. Phil or PhD
7.	Name of the supervisor	
8.	If PhD, mention your registration number	
9.	AddressforCommunicationwith**E-mailId&MobileNumber**	
10.	Haveyouattendedanyresearchmethodologycourseearlier(Specify thedate)	
14.	Any Other relevant Information whichwillhelpusfortheselectionofyourcandidature	

Theaboveinformationfilledbymeistruetothebestofmyknowledgeandbelief.

Signature of Participant   **Signature of HOD/Supervisor**

Please
Mail duly completed form with all documents to
Co-Ordinator, CoE in Human Capital Development, Utkal University,
VaniVihar,Bhubaneswar,Odisha-754004
Mobile:+919439196280;E-mail: coehcd@gmail.com

Sl.No	Name of the students
**Capacity Building ProgrammeFor Research Scholars in Social Science Data Analysis Using Excel COE, Human Capital Development Utkal UniversityDate:-06/12/2021**

Sl.No	Name of the students
1	Niharika Mohapatra
2	Himanshu Mallik
3	Prakash Chandra Lenka
4	Subhrajit Rath
5	Annie Rath
6	Lipu Senapati
7	Debasis Panda
8	MehajabinFirdosh
9	Sasmita Dalai
10	Manasi Mohanty
11	Prakash Chandra Behera
12	Sabina Begum
13	Prakash Kumar Sahoo
14	Chandan Kumar Swain
15	Sonali Sethi
16	Baikunthanath Sahoo
17	Ankit Mohapatra
18	Soumya Ranjan Mohapatra
19	Anurag Dash
20	Nityasundar Mishra
21	Urmila Sahoo
22	ArchitaBala Patra
23	SusmitaSubhadarshini Rath
24	Adyasha Sahoo
25	Chandrika Ray
26	Swagatika Sahoo

MODERN METHODS OF MATERIALS CHARACTERISATION

CH-VADD1

Course Duration: 30 hrs

Course Objectives

Materials Characterization has gained enormous importance in diverse fieldsin which the chemical, microstructure and physical properties of different materials are probed, measured and determined using a variety of analytical methods, techniques and tools.

The course aims to provide the student with an overview of the current techniques used for the physicochemical characterisation of materials with special reference to the principles, practice and applications of X-ray diffraction, spectroscopic, microscopic, thermal and electroanalytical techniques..

Learning Outcomes

On successful completion of this short term course, a student will be able to:

- Explain the principlesand operation of a range of advanced techniques such as X-ay, spectroscopic, microscopic, thermal and electroanalytical, currently used in characterisation of various materials and compounds.

- Hand on experience of operation of some these instruments at labs and interpretation of results.

- Apply the skills gained in future course of research in materials science

Course Syllabus

Module -1
X-ray techniques for materials characterization
X-ray diffraction: Principle, measuring system and applications for characterization of powdered materials. X-ray diffraction profile and analysis: FWHM and line broadening, Crystallite size effect and Scherrer formula, Effect of strain (tensile vs compressive, uniform vs. non-uniform)
Introduction to Extended X-ray absorption fine structure (EXAFS), Surface extended X-ray absorption (SEXAFS).

Module - II
Microscopic techniques
Principles, instrumentations and applications of Optical microscope, Scanning Electron Microscope (SEM), Transmission Electron Microscope (TEM) for characterization of different samples. Energy dispersive X-ray microanalysis (EDS) -
Basic aspects of Atomic force microscopy (AFM).

Module - III
Spectroscopic methods
Principle, instrumentation and applications of UV-Visible Diffuse Reflectance (UV-Vis DRS) spectroscopy, Ft-Ir, Raman and Fluorescence spectroscopy.
Hand of experience on operation of UV-Vis-DRS, FT-IR, Raman and data analysis..

Module-IV
Thermoanalytical Methods

Principle, instrumentation and applications of Thermogravimetric Analysis (TGA), Differential Temperature Analysis (DTA) and Differential Scanning Calorometry (DSC).
Factors affecting the TGA/DTA/DSC results and their interpretations.
Hand on on experience of operation of TG/DSC and data analysis.

Module-V
Electroanalytical Techniques
Voltammetric principles, hydrodynamic voltammetry, stripping voltammetry, cyclic voltammetry, criteria of reversibility of electrochemical reactions, quasi-reversible and irreversible processes, qualitative and quantitative analysis current-potential relation applicable for Linear Sweep Voltammetry (LSV) and Cyclic Voltammetry (CV), interpretation of cyclic voltammograms and parameters obtainable from voltammograms.
Hand on experience on operation of CV and data analysis.

Books Recommended

1) Theory and Applications of UV Spectroscopy, H.H.Jaffe and M.Orchin, IBH-Oxford.

2) Inorganic spectroscopic methods, A.K. Brisdon, Oxford Chem. Primers, 1997, New York.

3) Applied Electron Spectroscopy for Chemical Analysis Ed. H. Windawi and F.L.Ho, Wiley Inter science.

4) Introduction to Spectroscopy, Pavia, Brooks/Cole Cenage, 4th edition, 2009, Belmont.

5) Introduction to Photoelectron Spectroscopy, P.K.Ghosh, John Wiley.

6) Fundamental of Molecular Spectroscopy, C. N. Banwell and E. McCash, Tata McGraw Hill, 4th edition, 1994, New Delhi.

ATTENDANCE REGISTER FOR VALUE ADDED COURSE M.Sc. (Chem.), and Botany Sem- III , 2022, P.G. DEPARTMENT OF CHEMISTRY, UTKAL UNIVERSITY

.No	Roll N0	Name Of The Student	13.12.21	13.12.21	14.12.21	14.12.21	15.12.21	15.12.21	16.12.21	16.12.21	17.12.21	17.12.21	18.12.21	18.12.21	19.12.21	19.12.21	20.12.21	20.12.21	21.12.21	21.12.21	22.12.21	22.12.21	23.12.21	23.12.21	Remark
1.	20CHE001	JyotirDevi	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2.	20CHE002	Jyotirmayee Patra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3.	20CHE003	Paresh Kumar Mohanty	P	P	P	P	P	P	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	
4.	20CHE004	Diptiranjan Behera	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5.	20CHE005	Mano Ranjan Barik	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6.	20CHE006	Laxmipriya Dash	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	
7.	20CHE007	Sandeep Kumar Pradhan	P	P	P	P	P	P	P	P	P	P	P	P	-	P	-	P	-	-	P	P	P	P	
8.	20CHE008	Khusboo Agarwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9.	20CHE009	Rojalini Sahoo	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10.	20CHE010	Akash Panda	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11.	20CHE011	Kapura Kajal Hembram	P	P	P	P	-	-	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	
12.	20CHE012	Jhansirani Jena	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	
13.	20CHE013	Monalisa Patra	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	-	P	P	
14.	20CHE014	Dipika Bag	-		-	-	-	-		-	-		-	-	-	-	-	-			-	-	-	-	
15.	20CHE015	Samarjit Sahoo	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	
16.	20CHE016	Debasis Das	P	P	P	P	P	P	P	P	P	P	P	P		P	P	P	P	P	P	P	P	P	
17.	20CHE017	Amarnath Padhi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18.	20CHE018	Gopinatha Panigrahi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19.	20CHE019	Pallhabi Semili	P	P	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20.	20CHE020	Rajesh Kumar Hembram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21.	20CHE021	Santosh Kumar Majhi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22.	20CHE022	Harapriya Sial	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	
23.	20CHE023	Harishankar Behera	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	
24.	20CHE024	Subrat Kumar Jani	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	-	
25.	20CHE025	Shami Ranjan Bhuyan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	-	
26.	20CHE026	Suman Sahu	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	-	
27.	20 ENVSC001	Biswajit Swain	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	
28.	20 ENVSC001	Sonali Giri	P	P	P	P	-	-	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	-	
29.	20 ENVSC001	Akankshya Swain	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	
30.	20 ENVSC001	Suman Tarai	P	P	P	P	P	P	P	P	P	P	P	P	-	-	-	0	P	P	P	P	P	P	

ATTENDANCE REGISTER FOR VALUE ADDED COURSE M.Sc. (Chem.), Sem- I , 2022, P.G. DEPARTMENT OF CHEMISTRY, UTKAL UNIVERSITY

#	Roll	Name	13.12.21	13.12.21	14.12.21	14.12.21	15.12.21	15.12.21	16.12.21	16.12.21	17.12.21	17.12.21	18.12.21	18.12.21	19.12.21	19.12.21	20.12.21	20.12.21	21.12.21	21.12.21	22.12.21	22.12.21	23.12.21	23.12.21	Remark
1	21CHE001	Abhisek Bindhani	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	21CHE002	Akash Kumar Behera	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	21CHE003	Ananta Krushna Sahoo	P	P	P	P	P	P	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	
4	21CHE004	Ankita Naik (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	21CHE005	Arun Chandra Sahoo	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	21CHE006	Bijaya Sekhara Kasa	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	
7	21CHE007	Biswaranjan Prusty	P	P	P	P	P	P	P	P	P	P	P	P	-	P	-	P	-	-	P	P	P	P	
8	21CHE008	Deekshya Das (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	21CHE009	Dibyalochan Sidu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	21CHE010	Harekrushna Pujari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	21CHE011	Jyoshna Padhiria (w)	P	P	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	21CHE012	Jyotirmeyee Panda (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	21CHE013	Krushna Chandra Hansda	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	
14	21CHE014	Madhusmita Parida (w)	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	
15	21CHE015	Manisha Maharana (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	21CHE016	Monalisha Pani (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	21CHE017	Niutan Sahoo	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	21CHE018	Padminee Behera (w)	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	
19	21CHE019	Pratikshya Samantaray (w)	P	P	P	P	-	-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	21CHE020	Preetinanda Dash (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	21CHE021	Priyabrata Dash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	21CHE022	Pradyumna Choudhury	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	
23	21CHE023	Pushpa Munda (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	21CHE024	Rashmi Rosalin Behera (w)	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	
25	21CHE025	Ruchismita Sahu (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	
26	21CHE026	Satyam Panda	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	P	-	
27	21CHE027	Satyasmita Swain (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	
28	21CHE028	Shakti Swarupa Sahoo (w)	P	P	P	P	-	-	P	P	P	P	-	P	P	P	P	P	P	P	P	P	P	-	
29	21CHE029	Shibani Jamdalia (w)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	
30	21CHE030	Sthitaprajna Jena	P	P	P	P	P	P	P	P	P	P	P	P	-	P	P	P	P	P	P	P	P	P	

Department of Botany

Utkal University, Vani Vihar, Bhubaneswar

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Add-On Course for M.Sc. Botany/Environmental Science/Applied Microbiology

Total Hours : 30 hrs.   Full Marks : 100

Course Title : Environmental Crisis and Mitigation

Unit – 1 : Environmental Crisis; Concept & Types

Contaminants in Environments, Factors affecting Environmental Crisis, Major Environmental Issues.

Unit – 2 Mitigation of Environmental Contaminants

Major Environmental Pollutants, Plants and Microbes in remediation of Contaminants, Biodegradation of Environmental Pollutants.

Unit – 3 Environmental Crisis in India

Urban Air Quality, Forest Fire & Stubble Burning, Major River Pollution Issues, Solid Waste Management.

Unit – 4 Environmental Crisis with a Special Reference to Odisha

Hydro-Meteorological disasters; Cyclone, Flood, Droughts, Submergence cause and Mitigation measures, Mangroves case study.

Total present during the month ....
Average attendance ....
Number of working days ....
Percentage attendance ....

FOR TH...

ATTENDANCE

Serial No.	NAME 20BOT004	1/12	2/12	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Dilabehera Sadoj Dora	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
2	Sikta Mohanty	A	P	P	P	P	P	P	P	A	A	P	A	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A				
3	Amrita Sahoo	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T				
4	Niharika Pradhan	A	P	P	P	P	P	A	A	A	P	A	P	A	A	A	A	A	A	A	P	A	A	A	A	A	A	A				
5	Sweta Mishra	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	A	A	A	P	A	A				
6	Devidarni Mallick	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
7	Himadri Keshari Swain	A	P	P	P	P	P	P	P	A	A	P	A	P	A	A	A	A	A	A	A	A	P	A	A	A	A	A				
8	Jhansirani Singh	P	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P				
9	Rajashree Behera	P	P	P	P	P	P	A	A	A	P	A	P	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P				
10	Ananya Amrindita	P	P	P	P	P	P	P	A	A	P	A	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P	T				
11	Prangya Binodinee	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
12	Sushree Suprodti Pradhan	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T				
13	Debakanti Bhoi	P	P	P	P	P	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
14																																
15																																

APPlied microbiology

Serial No.	NAME	1/12	2/12	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
16	Varun Mahapatra	A	A	A	A	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A				
17	Akanksha Priyadarshini	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P				
18	... karma	A	.												.	.	.	.	.								.	.				
19	Subhashree Sahu	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
20	Rashmi Prava Behera	P	P	P	P	P	P	A	A	P	P	A	P	P	A	A	A	A	A	P	A	P	A	A	P	A	A	A				
21	Samir Kumar Jena	P	A	A	A	A	P	A	A	A	A	A	P	P	A	A	A	A	A	A	A	A	A	P	P	P	P	P				
22	Sristy Sarya Pradhan	P	A	A	A	P	A	A	P	P	A	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T				
23	Bhatruhari Behera	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
24	Priyanka Priyadarshini	P	A	A	A	P	A	A	A	A	P	P	A	A	A	A	A	P	P	P	A	P	P	A	A	A	A	A				
25	Asmita Rout	A	A	A	A	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T				
26	Siddhanta Mishra	P	A	A	A	A	A	A	P	P	A	P	P	A	A	A	A	A	A	A	P	A	A	P	P	P	P	P				
27	Satyajit Jena	A	A	A	A	A	A	A	A	A	A	P	P	A	A	A	A	A	A	A	A	A	A	P	P	P	P	P				
28	Gyan Pradhan	P	A	A	A	A	A	A	A	A	A	P	P	A	A	A	A	A	A	A	A	A	P	P	P	P	P	T				
29	Lovely Acharya	A	P	P	P	P	P	A	A	A	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	T				
30	Soumia Bhuyan	P	A	A	A	A	P	A	A	P	P	P	P	P	A	A	A	A	A	P	A	P	P	P	P	P	P	P				
31	Sambit Baliarsingh	A	A	A	A	A	P	A	A	P	P	P	A	A	A	P	P	A	A	P	P	P	P	P	A	P	P	P				
32	Debasish Ray	P	P	P	P	P	A	A	A	P	P	P	P	P	P	A	A	A	P	A	A	P	A	A	P	P	P	P				
33	Chinmyanda Pati	A	P	P	A	P	A	P	A	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A	A	A	P	P				

Total present during the month ....
Number of working days ....

Average attendance ....
Percentage attendance ....

ATTENDANCE

Serial No.	NAME 20 ENVSC-00	1	2	3	4	5	7	8	9	10	11	12	13	14	15	16	17/18	19/20	21	22	23	24	25	26	27	28	29	30	31	Days Present	Arrears or Advance
1	Biswajit Sarain	P	P	P	P	P	P	A	A	P	P	A	P	P	A	A	G	A	A	P	A	P	A	A	A	P	P	P	P	P		
2	Somali Giri	P	P	P	P	P	P	P	P	D	P	A	P	P	A	P	A	P	P	A	A	A	A	A	A	A	A	A	A		
3	Akankshya Swain	P	A	A	A	A	A	A	A	A	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A	P	A	A		
4	Bismaya ku. Sahu	A	A	A	A	A	A	A	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A	A	A	A	P	A		
5	Rosalina Nayak	P	A	A	A	P	P	P	A	A	A	P	P	A	P	P	P	G	G	P	A	A	A	A	A	A	A	A		
6	Jayanta Bose	A	A	A	A	P	P	P	A	A	A	A	P	P	P	A	P	P	P	P	A	A	A	A	A	A	A	A		
7	Suman Kumar Tarai	P	P	P	P	P	P	A	A	A	A	P	P	A	A	A	A	A	A	A	P	A	A	A	P	A	A		
8	Sumout Pattanaick	A	P	P	P	P	P	P	P	P	P	A	A	A	A	A	A	A	P	A	A	A	A	A	A	A	A	A		
9	Jayasmita Jayashree	P	P	G	P	P	P	P	P	P	P	A	P	P	P	P	P	G	P	P	A	P	P	P	P	P	P	P		
10	Sushree Puja Priyadarshini	A	P	P	P	A	P	P	A	A	A	A	A	A	P	A	P	P	P	G	P	P	A	A	P	P	P	P	T		
11	Saurabh Kumar Bhoi	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	G	G	B	A	G	P	P	A	A	A	A	A	A		
12	Tejaswinee Pradhan	P	P	P	P	P	A	P	P	A	A	A	P	P	P	P	P	G	P	P	G	P	P	A	A	P	P	P	P		
13	Puspa Barua	P	P	P	P	P	A	P	P	A	A	A	P	P	P	G	P	P	G	P	P	G	P	P	A	A	P	P	P	P		
14	Priyadarshini Behera	A	A	A	A	P	P	P	P	P	A	P	P	P	G	P	P	P	P	A	A	A	A	A	A	A	A		
15	Sudhakar Dehuri	P	P	P	P	P	P	A	A	P	P	A	P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
16	Rashmirekha Murmu	A	A	A	A	A	A	A	A	A	A	P	P	P	G	B	P	P	P	P	A	A	A	A	A	P	P	P		
17	Bhagyalaxmi Singh	A	A	A	A	P	P	P	A	A	A	A	P	P	G	P	P	G	P	G	P	A	A	A	A	A	A	P	P		
18	Rasmita Sethi	P	A	A	A	A	P	A	A	A	A	A	P	G	P	P	P	G	B	P	A	A	A	A	A	A	A		
19	Karishma Nayak	A	A	A	A	A	P	P	P	A	A	A	P	P	P	G	P	G	P	P	A	P	P	P	P	P	P	P		
20	Shreyashi Das	P	P	P	P	P	P	P	A	A	A	A	A	P	P	P	P	G	P	P	A	P	P	P	P	P	P	P		
21																														

DEPARTMENT OF BOTANY, UTKAL UNIVERSITY, BHUBANESWAR-751004
Value Added- Course EXAMINATION, 2021

HALL : Prof. B.P.Memorial LectureHall   F M : 100

DATE : 20.12.2021   TIME : 03.00 P.M. To 05.00 P.M.

Sl No.	Name of the Student	Sl. No. OF MAIN ANSWER BOOK ISSUED	Signature of the Student
1.	ANANYA ANINDITA (F)	334357	Ananya Anindita
2.	ANITA SAHOO (F)	334358	Anita Sahoo
3.	DALABEHERA SAROJA DORA	A B S E N T	
4.	DEBAKANTI BHOI (F)	A B S E N T	
5.	DEVIRANI MALLICK (F)	334361	Devirani Mallick
6.	HIMADRI KESHARI SWAIN	A B S E N T	
7.	JHANSHIRANI SINGH (F)	334363	Jhanshirani Singh
8.	NIHARIKA PRADHAN (F)	A B S E N T	
9.	PRANGYA BINODINEE (F)	334365	Prangya Binodinee
10.	RAJASHREE BEHERA (F)	A B S E N T	
11.	SIKTA MOHANTY (F)	A B S E N T	
12.	SUSHREE SUPRITI PRADHAN (F)	334368	Sushree Supriti Pradhan
13.	SWETA MISHRA (F)	A B S E N T	
14.	AKANKSHA PRIYADARSHINI KARNA	A B S E N T	
15.	ASMITA ROUT	A B S E N T	
16.	BHATRUHARI BEHERA	A B S E N T	
17.	CHINMAYANANDA PATI	334373.	Chinmayananda Pati.
18.	DEBASISH RAY	334374	Debashis Ray
19.	GYAN PRADHAN	334375	Gyan Pradhan
20.	LOVELY ACHARYA	334376	Lovely Acharya
21.	NISHITHA KOMAL SAHU	A B S E N T	
22.	PRIYANKA PRIYADARSHINI	334378	Priyanka Priyadarshini
23.	RASHMI PRAVA BEHERA	A B S E N T	
24.	SAMBIT BALIARSINGH	334380	Sambit Baliarsingh
25.	SAMIR KUMAR JENA	A B S E N T	
26.	SATYAJIT JENA	334382	Satyajit Jena
27.	SIDDHANTA MISHRA	A B S E N T	
28.	SONIA BHUYAN	334384	Sonia Bhuyan
29.	SRISTY SRIYA PRADHAN	A B S E N T	
30.	VARUN MAHAPATRA	334386	Varun Mahapatra
31.	AKANKSHYA SWAIN	334387	Akankshya Swain
32.	BHAGYALAXMI SINGH	334388	Bhagyalaxmi Singh
33.	BISMAYA KUMAR SAHU	A B S E N T	
34.	BISWAJIT SWAIN	334390	Biswajit Swain

Present = 18

35.	JAYASMITA JAYASHREE	334391	Jayasmita Jayashree
36.	JUGANTA BOSE	334392	Juganta Bose
37.	KARISHMA NAYAK	334393	Karishma Nayak
38.	PRIYADARSHINI BEHERA	334394	Priyadarshini Behera
39.	PUSPA BIRUA	334395	Puspa Birua
40.	RASHMIREKHA MURMU	334396	Rashmirekha Murmu
41.	RASMITA SETHI	334397	Rashmita Sethi
42.	ROSALINA NAYAK	334398	Rosalina Nayak
43.	SAURABH KUMAR BHOI	334399	Saurabh Kumar Bhoi
44.	SHREYASHI DAS	334400	Shreyashi Das
45.	SONALI GIRI	334401	S. Giri
46.	SUDHAKAR DEHURI	334402	Sudhakar Dehuri
47.	SUMAN KUMAR TARAI	334403	Suman Kuman Tarai
48.	SUNRUT PATTANAIK	334404	Sunrut Pattanaik
49.	SUSHREE PUJA PRIYADARSINI	334405	S. Puja Priyadarsini
50.	TEJASWINEE PRADHAN	334406	Tejaswinee Pradhan.

Present = 16
Absent = 0
_____
16

Total Exam Appeared = 34

20/12/21

P. Sahi 20/12/2021

Signature of Invigilator

20/12/2021

B. Panda 20.12.21

Elementary Level Japanese Language Course:

A Platform for Skill Development Initiative at Utkal University

A BRIEF REPORT

Under the auspices of

JAPANESE LANGUAGE PILOT PROJECT (JLPP)
PG Department of Anthropology
UTKAL UNIVERSITY, BHUBANESWAR-751004

OVERVIEW OF JAPANESE LANGUAGE COURSE

An elementary level Japanese language course under the banner 'Japanese Language Pilot Project (JLPP)' has been instituted in Utkal University as a pilot project and the course has been offered to students, scholars, faculty members and few outsiders, since the academic year 2015-16. The JLPP was initiated under the auspices of PG Department of Anthropology, Utkal University with a modest objective of providing the exposure of Japanese language and culture to the fraternity of Utkal University.The Centre has moderately achieved its objectives.

Since then, the JLPP has successfully completed five batches of the course (2015 – 2018 AND 2021-22). During the period, around 80 participants have been offered elementary level Japanese language course, 7 students have appeared before N5 – JLPT test, four students have visited Japan under JENESYS-1 &2 students exchange programme, two 'One-Day with Japan' events, 4 film screenings, 3 seminars, 1 roundtable discussion, 2 Platinum Jubilee Distinguished Lectures, two times visit by His Excellency the Ambassador of Japan, 4 times visit by the Consulate General of Japan in Kolkata and several other events have been organized by JLPP, although, the course got affected during the year 2020-21, owing to Covid-19 related restrictions.

Objectives of the Language Course

a) Primarily to provide an opportunity to learn Japanese as a foreign language, along with than an exposure to Japanese society, culture, science and technology.

b) Provide a chance to M. Phil. and Ph.D scholars of various departments of the university, so that they can utilise it as a medium to understand Japanese culture and society, to explore avenues for collaborative research with scholars in Japan. It may help scholars from social sciences to use it for primary data collection.

c) Japanese language knowledge may help in gainful employment.

Status of JLPP

(1) Resource Person / Visiting Professor: The elementary level course is taught by Dr. Prasanna Kumar Patra (Cordinator of JLPP) who deals with *Hiragana* and *Katakana* alphabets and some basic counting and vocabularies. The upper level is taught by Prof. Nabin Kumar Panda, Professor of Japanese Language at Department of East Asian Studies, University of Delhi, who was instrumental in initiating JLPP at Utkal University and who had been voluntarily offering his services to the initiative since 2015. He is a renowned Japanese language teacher in India and has kindly agreed to be available as a Resource Person (visiting Professor) for whenever he is available. Out of the last five years, he has offered teaching three years (2015-16, 2017-18 and 2021-22).

(2) Period of Course: A course has been designed for a period of three-months consisting of about 15 to 20 students (drawn from PG final year students and PhD research scholars, and with 20% window for non-students/ outsiders).

(3) Admission Procedure: The intake of the students is made on the basis of entrance test (language aptitude and GK) followed by personal interview. Open advertisement is put in the Department Notice Boards. The announcement is generally made in the 1st week of October, Entrance Test and PI in the 3rd week and the foundational classes start in the 4th week of October. There is a max of 20 seats with 15 % (3 seats) made available to non-students or outsiders on merit basis (based on entrance and PI). Preference is given to M.Phil and Ph.D scholars.

(a) *Course Fee:* For the last five sessions, the course has been made available **Free of Cost**.

(b) *Course:* Books followed: (i) Minna no Nihongo (ii) Audio-lingual method and (c) Communicative approach. It is hoped to develop four skills such as, Reading, Listening, Writing and Speaking.

(c) *Time table:* There is 2 hours class for 4 days a week. However, on mutual understanding between the teacher and students the time table for the class may be arranged / rearranged.

(d) *Certificate:* There is no provision of giving certificates. However, a course completion letter can be given to interested students by the Course Coordinator and Head of the Department of Anthropology.

(e) *JLPT N5:* The Resource Person / Visiting Professor, Prof. Panda takes necessary steps in providing skill-based training to interested candidates on this.

(f) *Exchange Programme / Exposure*: Four students, so far, have availed JENESYS-1 &2 Students' Exchange programme offered by the Japanese Embassy and Japan Foundation. They have visited Japan and have made homestay there for a period of one week.

(g) ***Achievents by JLPP***

- Since 2015-16 the JLPP has successfully completed four batches of the course (2015 – 2019). During the period, around 70 participants have been offered elementary level Japanese language course
- Seven (7) students have appeared before N5 – JLPT test in 2016-17)

- Four students have visited Japan under JENESYS-1 & 2 students exchange programme (3 in 2016-17) & (1 in 2017-18).
- Two 'One-Day with Japan' events, 4 film screenings, 2 calligraphy events, 3 seminars, 1 roundtable discussion conducted under the auspices of JLPP.
- Two (2) Platinum Jubilee Distinguished Lectures delivered under JLPP initiatives involving the Mr. Kenji HIRAMATSU, His Excellency, the Ambassador of Japan & Prof. MIZOKAMI Tomio, Padmashree and President of Kansai Japan-India Cultural Society, Kobe, Japan on 24.08.2018
- Two times visit by His Excellency the Ambassador of Japan, 4 times visit by the Consulate General of Japan in Kolkata and several other events have been organized by JLPP. The course got affected during the year 2019-202020-21, owing to Covid-19 related restrictions.

Student Intake since 2015-16

Academic Year	Total seats	From Utkal University		Students from Outside Utkal Univerity system	Total
		PG & research students	Faculty member		
2015-16	15	11	1	3	15
2016-17	14	11	0	3	14
2017-18	14	12	0	2	14
2018-19	14	12	0	2	14
2019-20	Not offered				
2020-21	Not offered				
2021-22	21	17	1	3	21*

*Continuing (till end-Feb 2022), temporarily stopped due to closure of the University for the pandemic

COURSE OUTLINE

The course has been designed to introduce the rudiments of Japanese language by emphasising all the four functions of a language, namely, listening, reading, writing, and speaking. It was a course work of about 80 hours divided into three classes a week, each class consisting of one and half an hour duration.

The classes were conducted by using the techniques from Structural-Functional Method, Audio-Lingual Method and Communicative Approach where emphasis was put on learning through repetitive practice and Role Play.

The following is the details of the course work.

Writing system and Lessons

1. Hiragana and Katakana Syllabary (五十音図)
2. Kanji (漢字): 1 to 100 from Nihongo Challenge (日本語チャレンジ)
3. Basic vocabulary pertaining to everyday use regarding a) Introducing oneself and others, b) Asking for destination, c) Requesting for things and favours, d) Invitation and polite denials etc.
4. Lessons 1 to 10 from Minna no Nihongo (*みんなの日本語*)

Evaluation

Week end class tests were conducted to get the feed-back about the achievement level. Further, learners were asked to write short passages after the completion of each lesson.

Expected outcome

Learners have been advised to take the Level 5 of the Japanese Language Proficiency Test to be held in July or December, 2022 by the government agencies of Japan. It is expected the learners will be able clear this test with continuous touch with class notes and text book and other materials.

LIST OF STUDENTS WHO COMPLETED THE COURSE

(1) 2015-16 : FIRST BATCH

Sl. No.	Name	Parent Course	Discipline
1.	Manas Ranjan Sahoo	PhD	Anthropology
2.	Pushpalata Jena	PhD	History
3.	Gitanjali Dora	M.Phil	History
4.	Khirod Kumar Turk	PhD	Anthropology
5.	Santosh Kumar Dash	M.Tech	Computer Science
6.	Sangram Keshari Swain	M.Phil	AIHCA
7.	Harihar Sahoo	PhD	Sanskrit
8.	Anurag Das	Pre-PhD	Zoology
9.	Manas Ranjan Patnaik	PhD	Anthropology
10.	Pragnya Priadarshini Sahoo	PhD	Anthropology
11.	Gyanendra Kumar Dhir	PhD	Anthropology
12.	Neha Sharma	M.Phil	AIHCA
13.	Sanghamita Bhutia	PhD	History
14.	Dr. Sushanta Kumar Patra	Faculty	AIHCA
15.	Mr. Daitari Sahoo	Faculty	Anthropology

(2) 2016-17 : SECOND BATCH

Sl. No.	Name	Parent Course	Discipline
1.	Ankita Das	M.Phil	English
2.	Gayatri Satapathy	PG-II	Economics
3.	Supriya Mishra	PG-II	Geography
4.	Asutosh Mohanty	PG-II	Geology
5.	Sandeepa Sathia	PG-II	Chemistry
6.	Biswajit Biswal	PG-II	Physics
7.	Madhusmita Majhi	PhD	MBA
8.	Santosh Kumar Mohanta	PhD	IIMT (CSIR) – Non-UU
9.	Abhinna Mishra	PhD	IIMT (CSIR) – Non-UU
10.	Deepak Kumar Nayak	LLM	Law
11.	Sushree Lipsa Mohanty	PhD	Anthropology
12.	Shyama Mohapatra	PhD	Anthropology
13.	Krishna Kumar A.	PhD	Anthropology
14.	Zaheed Parvez	PhD	Law

(3) 2017-18 : THIRD BATCH

Sl. No.	Name	Parent Course	Discipline
1.	Gangadhar Mishra	Integratd MBA	MBA
2.	Abhisekha Sandesh Mohapatra	PG-II	Pub. Admn.
3.	Subhalaxmi Baral	M.Phil	Anthropology
4.	Raumya Ranjan Sahu	PG-I	Pub. Admn.
5.	Abhipsa Satapathy	PG-I	Psychology
6.	Sagarika Mishra	PG	English
7.	Diptiranjan Sahoo	M.Phil	Anthropology
8.	Swagatika Sahoo	Pre-PhD	Pub. Admn.
9.	Bighneswar Rout	M.Phil	Anthropology
10.	Sanjay Kumar Sarangi	PhD	Computer Sc.
11.	Rosalin Sahoo	PhD	Economics
12.	Santosh Kumar Sethy	PhD	Pol. Sc.
13.	Subhalaxmi Sahani	PhD	Pol. Sc.
14.	Rama Chandra Jena	Ph.D	Botany

(4) 2018-19 : FOURTH BATCH

Sl. No.	Name	Parent Course	Discipline
1.	Aditya Nayak	PG	Pub. Admn
2.	Biswaranjan Jena	M.Phil	Anthropology
3.	Dilip Kumar Barik	M.Phil	Anthropology
4.	Kaberi Sahoo	M.Phil	Anthropology
5.	Kalandi Singh	Ph.D	Anthropology
6.	Kirti Chandra Pradhan	PG	Mathematics
7.	Nikhilesh Mohapatra	PG	English
8.	Priyanka Priyadarshini Patra	PG	Zoology
9.	Rajeeb Kumar Sahoo	PhD	Anthropology
10.	Samiran Behera	PG	Zoology
11.	Sasmita Sahoo	M.Phil	Anthropology
12.	Soumya Sarit Mohanty	PG	English
13.	Sritama Pradhan	PG	Anthropology
14.	Swadeshi Megha Malhar Prusty	PG	Pub. Admn

(5) 2021-22: FIFTH BATCH

Sl. No.	Name	Parent Course	Discipline
1.	Alakananda Gahir	Pre-PhD	History
2.	Anubhuti	PG	Sociology
3.	Archita Bala Patra	PhD	Sociology
4.	Biswa Ranjan Jena	Ph.D	Anthropology
5.	Jeeban Tudu	PG	Mathematics
6.	Jyoti Ranjan Mahapatra	PG	PMIR
7.	K. Gopal Krishna	No-student	Non-UU
8.	Kaberi Sahoo	PhD	Anthropology
9.	Kaibalya Charan Pati	Ph.D	AIHCA
10.	Krisha Kumar A.	Ph.D	Anthropology
11.	Paonra Mani Murmu	MCA	Computer Science
12.	Punyasweta Mohanty	PG	Psychology
13.	Ranjan Sahoo	PhD	Zoology
14.	Rout George Kerry	PhD	Biotechnology
15.	Sabina Begum	M.Phil	Economics
16.	Sabyasachi Nayak	M.Phil	AIHCA
17.	Subhrajit Rath	PhD	Economics
18.	Urmila Sahoo	PhD	Sociology
19.	Gunanidhi Sahoo	Faculty	Zoology
20.	Souryadev Nayak	No-student (School-V)	Non-UU
21.	Mugdha Sahoo	No-student (School-VI)	Non-UU

Evidence of Success (Describe in about 200 words)

- Four students have visited Japan under JENESYS-1 & 2 students exchange programme (3 in 2016-17) & (1 in 2017-18).
- Two 'One-Day with Japan' events, 4 film screenings, 2 calligraphy events, 3 seminars, 1 roundtable discussion conducted under the auspices of JLPP.
- Two (2) Platinum Jubilee Distinguished Lectures delivered under JLPP initiatives involving the Mr. Kenji HIRAMATSU, His Excellency, the Ambassador of Japan & Prof. MIZOKAMI Tomio, Padmashree and President of Kansai Japan-India Cultural Society, Kobe, Japan on 24.08.2018.

Problems Encountered and Resources required (in about 150 words).

- In order to attend to the growing demands of the course (from the number of applications received), the course may be recognised as a Certificate Course by the university / appropriate athority.
- Accordingly, provisions may be made for regular human resource, teaching-learining infrasrtucture and other facilities for smooth functiong of the course.

Notes (Optional)

- A visiting language teacher from Japan, for a period of two years, through JICA Exchange programme is expected to join Utkal University by end-2022.

Some Evidences

(Inaugural function of JLPP, 29 Oct, 2015)

(Visit of Mr. Kenji HIRAMATSU, His Excellency, the Ambassador of Japan, 2018)

(Interactive Japanese class with students conducted by Prof. Nabin Panda, DU, January 2022)

(Internation Seminar on *Japanese Society & Culture in the Eyes of Odishan Diaspora* held on 20 December, 2021)

(Visit of JICA officials, 10 November, 2021)

Caligraphy Workshop held in 2019

ATTENDANCE REGISTER OF VALUE ADDED CERTIFICATE COURSE
on
MUSEOLOGY AND CUTURAL RESOURSE MANAGEMENT
15th-23rd December 2021

P.G. DEPARTMENT OF ANTHROPOLOGY, UTKAL UNIVERSITY

Paper: Museology and Cultural Resource Management (RCRM)   **Class : IIIrd Semester.**   **Year: 2021**

Roll No.	Name of the Student	15.12.2021 TO 23.12.2021									
Anth/20/002	BAISAKHI MAHALA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/003	MANU NAIK	P	P	P	P	P	P	P	P	P	
Anth/20/004	SUBHALAXMI GANDA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/006	BISHWALOCHAN MOHANTY	P	P	P	P	P	P	P	P	P	
Anth/20/007	SALONI SWETAPADMA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/008	KAMALIKA NAYAK (w)	P	P	P	P	P	P	P	P	P	
Anth/20/009	BHAGYABATI BEHERA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/011	SNEHA LATA NAIK (w)	P	P	P	P	P	P	P	P	P	
		P	P	P	P	P	P	P	P	P	
Anth/20/012	JYOTIRMAYEE ORAM (w)	P	P	P	P	P	P	P	P	P	
Anth/20/013	PANESWARI BESHRA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/016	SWAGATIKA PATRA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/017	RASMITA SAHOO (w)	P	P	P	P	P	P	P	P	P	
Anth/20/018	SMRUTIREKHA SWAIN (w)	P	P	P	P	P	P	P	P	P	
Anth/20/019	AJIT MALLICK	P	P	P	P	P	P	P	P	P	
Anth/20/020	RASHMITA NAYAK (w)	P	P	P	P	P	P	P	P	P	
Anth/20/021	SOHAN MURMU	P	P	P	P	P	P	P	P	P	
Anth/20/022	AKSHYAY KUMAR JENA	P	P	P	P	P	P	P	P	P	
Anth/20/023	ITISHREE PATRA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/024	SADA BADANAYAK	P	P	P	P	P	P	P	P	P	
Anth/20/025	DIPTILATA JENA (w)	P	P	P	P	P	P	P	P	P	
Anth/20/027	JIBAN TUDU	P	P	P	P	P	P	P	P	P	
Anth/20/028	LISA SAMAL (w)	P	P	P	P	P	P	P	P	P	
Anth/20/030	BHAGYALAXMI SAHOO (w)	P	P	P	P	P	P	P	P	P	
Anth/20/032	PINKIRANI SAHU (w)	P	P	P	P	P	P	P	P	P	
Anth/20/034	ANIRBAN MOHAPATRA	P									
			P	P	P	P	P	P	P	P	

Value added Certificate Course
on
MUSEOLOGY AND CUTURAL RESOURSE MANAGEMENT
15th-23rd December 2021

Department of Anthropology
Utkal University, VaniVihar,
Bhubaneswar-751004
Time: 2.00 PM- 5.00 PM

Course Objective:

• Museology has been focused on framing museums as institutions that would educate and "civilize" the general public and new forms of museology recently emerged as a way to revitalize the educational role of museums. Cultural resource management, normally referred to as "CRM," may be defined as cultural heritage management within a framework of global and local laws, regulations, and guidelines. Therefore, the course makes students aware of the historical perspective of museum and museology as well asthe legislative measures of CRM.

Learning Outcomes:

On successful completion of this short-term course, a student will be able to:
• Explain the meaning and scope of museology and new museology, origin, development of museums in the world and museum movements in India, museum administration, museum management including principles of conservation of museum specimens andlegislative measures for protection of moveable cultural resources.
• Hand on experience of handling some of these museum specimens at anthropological and archaeological museum and documentations of such museum specimens.
• Enable a student to apply the gained knowledge and skills in future course of research and employment in the field of museum studies and cultural resource management

Course Syllabus:

• **Module-I-Museum, Museology, Museum Movement and New Museology**
• **Module-II-Museum Administration, Acquisition, Arrangement and Documentation**
• **Module-III- Management of Cultural Resources in Museum**
• **Module-IV- Conservation of Cultural Resources andProtection of Movable Cultural Property**

P. G. Department of Anthropology
(UGC-Centre for Advanced Studies)
Utkal University, Bhubaneswar-751004

Contact:
Head, Department of Anthropology
Utkal University, VaniVihar, BBSR-04
Email- headanthoutkal@gmail.com

Value Added Certificate Course
On
MUSEOLOGY AND CULTURAL RESOURSE MANAGEMENT
Full Marks: 100
Duration Course: 30 Hours

Unit-I **Museum, Museology, Museum Movement and New Museology**
Museum and Museology: Meaning, Definition of Museum; Museology: Concept, Nature and Scope. Concept of New Museology, Museum as Social institution,

Museum Movement (History, Development and Classification of Museums) History and Development of Museum Movement in the World. History of Museum Movement in India; Classification of Museums in India-National Museum, State Museum, University Museum, Specialized Museums in India.

Unit-II **Museum Administration, Acquisition, Arrangement and Documentation of Museum Specimens)**
Museum Administration: Staff, Planning of Museum Buildings, Planning for Museum Gallery, Lighting of Museum Galleries;

Acquisition and Arrangement of Specimens: Modes and ways of Acquisition of Museum Specimens, ICOM Ethical Acquisition Code, Guidelines for Loans; Principles of Display and Arrangement in Museums.

Unit-III **Management of Cultural Resources in Museum (Documentation of Museum Specimens, Museum Storage and Security and Conservation of Cultural Resources in Museum)**
Documentation of Museum Specimens: Need, Method of Documentation, Safeguards of Records; Documentation of Ethnographic and Archaeological Specimens, Development of Computer based Documentation; Museum Labels; Dioramas, Models and Charts; Museum Photography.

Museum Storage and Security in Museum: Location of the storage, Storage Furniture, Lighting and Ventilation in Storage, Methods of Storage, Visual Storage.
Security in Museum: Security Risks of Museum Objects, Preventive Measures.

Unit-IV **Conservation of Cultural Resources andProtection of Movable Cultural Property:**
Conservation of Cultural Resources in Museum: Causes of Decay and Deterioration, Care and Handling, Cleaning and Repairing, Packing and Shifting of Museum Objects; Preservation of Organic and Inorganic Objects in Museums.

Protection of Movable Cultural Property: Legislative Measures - History of Antiquarian Laws in India, The Indian Treasure-trove Act-1878, The Ancient Monuments and Archaeological Sites and Remains Act-1958 and 1959, Recommendation for the Protection of Movable Cultural Property.

Suggested Readings / Books Recommended:

1. Agrawal, O. P. and ShashiDhawan 1985 Control of Biodeterioration in Museums. National Research Laboratory for Conservation of Cultural Property, Lucknow.
2. Agrawal, O. P. and MandanaBarkeshli 1997 Conservation of Books, Manuscripts and Paper Documents. INTACH, Indian Council of Conservation Institutes, Lucknow.
3. Aiyappan, A. and S.T. Satyamurti (Ed), 1960, Handbook of Museum Technique, Government Museum, Madras.
4. Banerjee, N. R. 1990, Museum and Cultural Heritage in India. AgamkalaPrakashan, Delhi.
5. Basa, K.K., Md. Rehan, R.K. Gupta 2007, Museology A Comprehensive Bibliography and Webliography, Serial Publications, New Delhi.
6. Behera, B.K. and S.K. Mohanty, 2007, Museology and Museum Management in India, Mayur Publications, Bhubaneswar, Orissa.
7. Bhatnagar, A.1999, Museum, Museology and New Museology, SandeepPrakashan, New Delhi.
8. Diwvedi, V. P. and G.N. Pant(Ed) 1980, Museum and Museology: New Horizon, Agam Kala Prakashan, New Delhi.
9. Ghoshmaulik, S.K. and K. K. Basa (Ed) 2001, Understanding Heritage: Role of Museum, Academic staff Collage, Utkal University, Bhubaneswar, India.
10. Nair, S. M., 1970. Bio-Deteriorations of Museum Materials, Agam Kala Prakashan, New Delhi.
11. Nigam, M. L., 1985 Fundamentals of Museology, Deva Publications, Hyderabad.
12. Sarkar, H.1981, Museums and Protection of Monuments and Antiquities in India, SandeepPrakashan, New Delhi.
13. Stone, P.G. and B. L. Molyneaur1994, The Present Past: Heritage Museums and Education, Routledge, London.
15. Thompson, J.M. (Ed.) 1992, Manual of Curatorship: A Guide to Museum Practice, Butterworth-Heinemean Ltd. Oxford.

P. G. DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY

Syllabus for Certificate Course on
DOCUMENTATION AND MUSEUM STUDIES IN ARCHAEOLOGY

Approved by the Teacher's Council
On
04 December,2021

Coordinator
Dr Sushanta Kumar Patra
Assistant Professor (Stage-III)
P. G. Department of Ancient Indian History, Culture and Archaeology

UTKAL UNIVERSITY

2021

P. G. DEPARTMENT OF ANCIENT INDIAN HISTORY, CULTURE AND ARCHAEOLOGY

Certificate Course on
DOCUMENTATION AND MUSEUM STUDIES IN ARCHAEOLOGY

Unit-I Practical Aspects of Archaeology

(i)   Meaning, Scope, Definitions of Archaeology.
(ii)   Methods of Archaeology : Exploration and Excavation.

Unit-II Documentation and Archaeological Report Writing

(i)   Pottery-Classification, Context and Drawings.
(ii)   Antiquities-Classification, Context and Analysis.
(iii)   Archaeological Photography-Section, Pottery and Antiquities.
(iv)   Conservation aspects of Archaeological Monuments andAntiquities.
(v)   Report writing – Daily Report and Final Report for Publication.

Unit-III Museum Studies in Odisha

(i)   Concept, Meaning and Scope of Museum
(ii)   Jayadev Odisha State Museum.
(iii)   District Museums of Odisha

Unit-IV Archaeological Site Museums

(i)   ASI Site Museum – Lalitagiri.
(ii)   ASI Site Museum – Ratnagiri.
(iii)   ASI Site Museum – Konark.

Books recommended for references:

1. D.KChakrabati; *A Source Book of Indian Archaeology from the Beginning to 1947*, New Delhi, 1988
2. K.Rajan; *Archaeology; Principles and Methods*, Thanjavur, 2002.
3. B. M. Fagan; *Archaeology- A brief Introduction, New York, 1991.*
4. ....; *In the Beginning –An Introduction to Archaeology*, London, 1988.
5. Colin Renfrew; *Archaeology Theory Methods Practice*, U.S.A, 1991.
6. K.V Raman; *Archaeology Theory Methods Practice*, Madras, 1991.
7. A. Ghosh; *An Encyclopaedia of Indian Archaeology*, New Delhi, 1989.
8. Willam S. Dancey; *Archaeology Field Methods; An Introduction*, New Delhi, 1985.
9. D. Ray; Museum information Service- it's Management and Marketing, Delhi,2008.
10. A. Tripathy; Museum Studies, Delhi,2010.
11. B.Malla; Museums of Odisha, Odisha State Museum, 2011.

Resource Persons

1. **Dr.Jeeban Kumar Patanaik**
   Former Superintending Archaeologist
   ASI, Excavation Branch-IV, Bhubaneswar.

2. **Dr. Arun Kumar Mallik**
   Superintending Archaeologist
   ASI , Bhubaneswar Circle
   Bhubaneswar.

3. **Dr Gopinath Jena**
   Superintending Archaeologist
   Vijayawada Circle, ASI
   Andhra Pradesh

4. **Dr.Susanta Kumar Kar**
   Dy-Superintending Archaeologist
   Excavation Branch –IV
   ASI, Bhubaneswar.

5. **Dr.Ashis Ranjan Sahoo**
   Assistant Archaeologist
   Excavation Branch-IV
   ASI , Bhubaneswar.

6. **Dr.SanjayPannda**
   Assistant Archaeologist
   Excavation Branch-IV
   ASI, Bhubaneswar.

7. **Shri R.N.Sahoo**
   Sr.Photographer
   Excavation Branch-IV
   ASI Bhubaneswar.

8. **Dr.Daitari Sahoo**
   Reader & Head P.G. Department of Anthropology
   Utkal University
   Bhubaneswar.

9. **Dr.Sanjay Acharya**
   Professor and Head
   P.G.Department of AIHCA
   Utkal University
   Bhubaneswar.

10. **Dr.Sushanta Kumar Patra**
    Assistant Professor
    P.G.Department of AIHCA
    Utkal University
    Bhubaneswar.

11. **Dr.Anam Behera**
    Assistant Professor
    P.G.Department of AIHCA
    Utkal University, Bhubaneswar.

12. **Mr Debasish Mishra**
    Archaeological Photographer
    Excavation Branch –IV
    ASI, Bhubaneswar.

    ❖ ADMISSION DATE: **09/12/2021**
    ❖ TIME OF THE CLASS: **9.00 AM TO 10.30AM AND 4.00 PM TO 5.30PM**
    ❖ DATE OF COMMENCEMENT OF THE COURSE :**11/12/2021**

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Certificate course on

DOCUMENTATION AND MUSEUM STUDIES IN ARCHAEOLOGY
(FROM 11-12-2021 TO 20-12-2021, Time 9.00AM to 10.30AM & 4.00PM to 5.30PM)

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Date	Peri-ods	Topics	(Duration 1.5 Hrs)	Instructors
11.12.2021	1	Documentation and Museum Studies in Archaeology.	9.00AM-10.30AM	**J.K.Patanaik**
11.12.2021	2	Meaning and Scope of Archaeology	4.00PM-5.30PM	**S. K. Patra**
12.12.2021	3	Definitions and Methods of Explorations	9.00AM-10.30AM	**A. Behera**
12.12.2021	4	Documentations of Odishan Temples	10.30AM-12.00Noon	**S.Acharya**
12.12.2021	5	Antiquities-Classification, Context and Analysis	4.00Pm-5.30PM	**S. K. Patra**
13.12.2021	6	Pottery classification, Context and Analysis	9.00AM-10.30AM	**S.Panda**
13.12.2021	7	Stone Tool Technology and its Classification	4.00PM-5.30PM	**D. Sahoo**
14.12.2021	8	Documentation and Museum setup : A case study of Lalitagiri Museum	9.00AM-10.30AM	**S.K.Kar**
14.12.2021	9	Explorations of the Chalcolithic sites of Odisha	4.00PM - 5.30PM	**A. Behera**
15.12.2021	10	Methods of Archaeological Excavation	9.00AM-10.30AM	**A.K.Patel**
15.12.2021	11	Role of Camera / Still Photography in Archaeological documentation	4.00PM - 5.30PM	**S.Acharya**
16.12.2021	12	Report writing on Archaeological Publications: A Case Study on Suabarei Excavation	9.00AM-10.30AM	**J.K.Patanaik**
16.12.2021	13	Archaeological Photography	4.00PM - 5.30PM	**D. Mishra**
17.12.2021	14	Documentations of Kalingan Temples	9.00AM-10.30AM	**S.Pradhan**
17.12.2021	15	Documentation of Odishan rock Art	4.00PM - 5.30PM	**S.Pradhan**
18.12.2021	16	Museums of Odisha: A case Study on Odisha State Museum	9.00AM-10.30AM	**S.Mantry**
18.12.2021	17	Archaeological Report Writting	4.00PM - 5.30PM	**A.R.Sahoo**
19.12.2021	18	Coins of Ancient India	9.00AM-10.30AM	**J.Rath**
19.12.2021	19	Research Methodology In Archaeology	10.30AM-12.00Noon	**S.Acharya**

19.12.2021	20	Conservation aspects of Archaeology	1.30PM-3.00PM	**S.K.Patra**
19.12.2021	21	Examinations on The Certificate Course	3.00Pm-4.30PM	**S.K.Patra/ A.Behera**
20.12.2021	22	Photographic Documentation	9.00AM-10.30AM	**J. Debata**
20.12.2021	23	Valedictory Function and Distributions of Certificate	4.00PM - 5.30PM	**S.Acharya, S.K.Patra and A.Behera**

Course Co-ordinator   **HoD, AIHCA**

Total number of students attended: 47

DEPARTMENT OF STATISTICS
UTKAL UNIVERSITY, VANIVIHAR, BHUBANESWAR

30 HOURS ADD ON COURSE

DATA ANALYSIS USING STATISTICAL SOFTWARE PACKAGES

Date: 10.12.2021- 19.12.2021 (3 PM-6PM)

PROGAMME SCHEDULE

Date (Day)	Resource Person	Topic
10.12.2021 (Friday)	Dr. P K Swain	Data Analysis using EXCEL
11.12.2021 (Saturday)	Dr. P R Dash	Data Analysis using SPSS
12.12.2021 (Sunday)	Prof. K B Panda	Importance of Data in decision making
13.12.2021 (Monday)	Dr. Ashok Moral (Lucknow University)	Introduction to data analysis using R
14.12.2021 (Tuesday)	Dr. Dharmaraj (NIREH-ICMR, Bhopal)	Environmental data analysis using STATA
15.12.2021 (Wednesday)	Dr. Bailochan Behera (SKCG Auto. College)	Geo-spatial data analysis
16.12.2021 (Thursday)	Mr. Umakanta Sahoo (IIPS, Mumbai)	Demographic data analysis using SPECTRUM
17.12.2021 (Friday)	Mr. T Tarai (TCS, Bhubaneswar)	Introduction to Python
18.12.2021 (Saturday)	Mr. T Tarai (TCS, Bhubaneswar)	Introduction to Machine Learning
19.12.2021 (Sunday)	S. Priyadarshini KIMS, Bhubaneswar	Questionnaire development using Epi-info, ODK

Total number of students attended: 40

M. Tech. in Information Technology
Dept. of Statistics.

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VALUE ADDED COURSE

TITLE OF THE COURSE: **"AN INTEGRATED APPROACH TO PYTHON PROGRAMING"**

DURATION: **36 HOURS**

STUDENTS PARTICIPATED: **35(THREE FIVE)**

COURSE OF STUDY:

- Introduction to Python.
- Python Variables.
- Python Data Types & Operators.
- Python List.
- Python Set, Python Tuple.
- Python Dictionary.
- Python Flow Control, if-else, if-Elif-else.
- Python while Loop, for Loop.
- Python Break, Python Continue.
- Python Range ( ), Python Pass Statement.
- Python Flow Control.
- Python Functions.
- Python Class, Object, Constructor.
- Python Inheritance.
- Python Exception Handling.
- Python in Object Oriented Programing.

ATTENDANCE OF THE VALUE ADDED COURSE
" AN INTEGRATED APPROACH TO PYTHON PROGRAMMING"

NAME OF THE STUDENT	DATE 17·12·2021	DATE 19·12·2021	DATE 19·12·2021	DATE 20·12·2021	DATE 21·12·2021	DATE 22·12·2021	DATE 22·12·2021	DATE 23·12·2021	DATE 23·12·2021	DATE 24·12·21	DATE 24·12·21
SUPRIYA MOHANTY	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
SATYAJIT SAHOO	✓	✓	✓		✓	✓		✓	✓	✓	✓
BAISHNABESH MOHAPATRA	✓	✓	✓	✓			✓	✓	✓	✓	✓
RENUBALA SAHOO	✓		✓	✓	✓	✓	✓				✓
CHIRANJIB PARIDA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRIADIPTA KUMAR PANDA		✓	✓	✓		✓	✓	✓	✓	✓	
JYOTIRANJAN SAHOO	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
SUBHRA SUBHADARSHINI	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
SUSHREE SANGITA SAHOO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ABHIJIT GHOSE	✓	✓	'	✓		✓	✓	✓	✓	✓	✓
MITU SWAIN	✓		✓	✓	✓		✓		✓	✓	✓
PREETIRANJAN SAHOO	✓	✓	✓	✓		✓	✓	✓		✓	✓
SUJIT KUMAR JENA	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
MANORAMA MOHANTY	✓	✓	✓		✓		✓	✓	✓	✓	✓
JANMEJAYA SAHOO	✓	✓	✓	✓		✓	✓	✓	✓	✓	
JAYASHREE MISHRA	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
KUMAR SAMBHAB MIHRA	✓		✓	✓		✓	✓	✓	✓	✓	✓
SUBHAM KUMAR NAYAK	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
MAHESWARI PRIYADARSHINI			✓	✓	✓	✓	✓	✓	✓	✓	✓
MANASMITA NAIK	✓	✓	✓			✓	✓	✓			
TAPAS KUMAR BARIK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUDHANSU SEKHAR PATTANAIK	✓	✓	✓	✓	✓	✓	·		✓	✓	✓
ASHUTOSH TRIPATHY	✓	✓	✓	✓	✓	✓	✓	·	✓	✓	✓
SALIN TARANIA		✓	✓			✓	✓	✓		✓	✓
MOUSUMI KUMBHAR	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
BIKASH RANJAN MALLICK	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
RAKESH RANJAN	✓	✓	✓			✓	✓	✓	✓	✓	✓
PRIYANKA MEHER	✓		✓	✓	✓	✓	✓		✓	✓	✓
MOHAMMAD SADIQUE HUSSAIN		✓	✓		✓	✓	✓	✓	✓	✓	✓
SATYAJEET MISHRA	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
BIBHU PRASAD MOHANTY		✓	✓	✓	✓	✓	✓		✓	✓	✓
SASMITA MAHAPATRA	✓	✓		✓		✓	✓	✓	✓	✓	✓
PRASENJIT HALDER	✓	✓	✓		✓	✓	✓	✓	✓		✓
ANKITA SATAPATHY	✓			✓	✓		✓	✓	✓	✓	
SUGYANI PRIDARSHINI	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓

ATTENDANCE OF THE VALUE ADDED COURSE
" AN INTEGRATED APPROACH TO PYTHON PROGRAMMING"

NAME OF THE STUDENT	DATE 25-12-2021	DATE 25-12-21	DATE 26-12-21	DATE 27-12-21	DATE 27-12-21	DATE 28-12-21	DATE 28-12-21	DATE	DATE	DATE	DATE
SUPRIYA MOHANTY	✓	✓	✓	✓	✓	✓	✓				
SATYAJIT SAHOO	✓	✓	✓	✓	✓	✓	✓				
BAISHNABESH MOHAPATRA	✓	✓	✓	✓	✓	✓	✓				
RENUBALA SAHOO	✓	✓	✓	✓	✓	✓	✓				
CHIRANJIB PARIDA	✓	✓	✓	✓	✓	✓	✓				
PRIADIPTA KUMAR PANDA	✓		✓	✓	✓	✓	✓				
JYOTIRANJAN SAHOO		✓	✓	✓	✓	✓					
SUBHRA SUBHADARSHINI	✓	✓	✓	✓		✓	✓				
SUSHREE SANGITA SAHOO	✓	✓	✓	✓	✓	✓	✓				
ABHIJIT GHOSE	✓	✓	✓		✓	✓	✓				
MITU SWAIN	✓	✓	✓	✓	✓	✓	✓				
PREETIRANJAN SAHOO	✓	✓	✓	✓		✓	✓				
SUJIT KUMAR JENA	✓	✓	✓	✓	✓	✓	✓				
MANORAMA MOHANTY	✓	✓	✓	✓	✓	·	✓				
JANMEJAYA SAHOO	✓	✓	✓	✓	✓	✓					
JAYASHREE MISHRA	✓	✓	✓	✓	✓	✓	✓				
KUMAR SAMBHAB MIHRA	✓	✓	✓	✓	✓	✓	✓				
SUBHAM KUMAR NAYAK	✓	✓	✓	✓	✓	✓	✓				
MAHESWARI PRIYADARSHINI		✓	✓	✓	✓	✓	✓				
MANASMITA NAIK											
TAPAS KUMAR BARIK	✓	✓	✓	✓	✓	✓	✓				
SUDHANSU SEKHAR PATTANAIK	✓	✓	✓		✓	✓	✓				
ASHUTOSH TRIPATHY	✓	✓	✓	✓	✓	✓					
SALIN TARANIA	✓		✓	✓		✓	✓				
MOUSUMI KUMBHAR	✓	✓	✓	✓	✓	✓	✓				
BIKASH RANJAN MALLICK	✓	✓		✓	✓		✓				
RAKESH RANJAN	✓	✓	✓	✓	✓	✓	✓				
PRIYANKA MEHER	✓	✓	✓	✓	✓	✓	✓				
MOHAMMAD SADIQUE HUSSAIN	✓		✓	✓	✓	✓	✓				
SATYAJEET MISHRA	✓	✓	✓	✓	✓	✓					
BIBHU PRASAD MOHANTY	✓	✓	✓	✓	✓	✓	✓				
SASMITA MAHAPATRA	✓	✓	✓	✓	✓	✓	✓				
PRASENJIT HALDER	✓	✓	✓	✓	✓	✓	✓				
AMKITA SATAPATHY	✓	✓	✓	✓	✓	✓	✓				
SUGYANI PRIDARSHINI	✓	✓	✓	✓		✓	✓				

A Value Added Course on

ESSENTIALS OF DATA SCIENCE FOR DATA ANALYSIS

UTKAL UNIVERSITY

SPEAKER:

Jasaswi Prasad Mohanty.
Associate Professor (CSE),
Silicon Institute of Technology,
Bhubaneswar

DATE: 13th-24th December, 2021
TIME: 6:00 PM TO 9:00 PM

ABOUT THE COURSE:

Data Science is the convergence of Computer Science and statistics. As data scientists, we use statistical principles to write code such that we can effectively explore the problem at hand. This course will provide introduction to data analysis for beginners. Here, a framework to understand different data analysis algorithms is to be presented. The course would also present a structured approach to convert high-level data analysis problem statements into a well-defined workflow for solution. This course is not for practitioner for data analysis. This course is not about big data implementation concepts. In this course, only a few selected machine learning techniques that are most relevant for a beginner are to be taught. An introduction to Python programming language will be presented initially. In the later stage of the course, implementation of some of the machine learning algorithms would be discussed using Python. At the end of the course, a student would be able to identify comprehensive solution strategies for data analysis problems. He/she would be able to determine appropriate techniques to use for the data analysis problem at hand.

Registration link:

https://forms.gle/sw6RwU8PFXPDkZZR7

ORGANISED BY :

MTECH(CS/CSE), DEPARTMENT OF COMPUTER
SCIENCE AND APPLICATIONS,
UTKAL UNIVERSITY

Organising Committee:

Chief Patron:

Prof. Sabita Acharya
(Vice Chancellor)

Patrons:

Prof. Basanta Kumar Mallik
(Chairman, P.G. Council)
Prof. Navaneeta Rath
(Director, SFCs)

Convenor:

Dr. Prafulla Kumar Behera
(Course Coordinator)

Student Coordinators:

Laxmi Priya Rout
Biharilal Gupta
Prabhudutta Rout

Essentials of Data Science for Data Analysis Score Card	
Name	**Score**
Bihari Lal Gupta	26 / 30
Ipsita Behera	25 / 30
Sushree Subhashree Panda	25 / 30
Stutee Mohanty	24 / 30
Puspita Ray	23 / 30
Smita Mohanty	23 / 30
Baishakhi sahoo	22 / 30
Dipanita Toppo	22 / 30
Sasmita Suna	22 / 30
Laxmi Priya Rout	21 / 30
Nishipadma Mishra	21 / 30
Ruchika Behera	21 / 30
Sneha padhi	21 / 30
Abinsh Mishra	20 / 30
Abhiseka Satpathy	19 / 30
Ankit Agarwal	19 / 30
Arpita Pradhan	19 / 30
Prabhupritam Lenka	19 / 30
Sarojinee Naik	17 / 30
Binapani sahoo	15 / 30
Satyanarayan Mohapatra	12 / 30

A VALUE ADDED CERTIFICATE COURSE ON

"GLOBALIZATION AND CULTURE"

Learning Objectives:

The aim of the paper "**GLOBALIZATION AND CULTURE**" is to secure socio- economic and cultural integration and development of all the people of the world through a free flow of goods, services, information, knowledge and people across all boundaries. It stands for expanding cross-border facilities , economic and cultural linkages. This is to be done with a view to secure an integration of economic interests and activities of the people living in all parts of the world. The objective of making the world a truly inter-related, inter-dependent, developed global village governs the on-going process of globalisation.

UNIT 1: DEFINING GLOBALIZATION

A. MEANING AND CHARACCTERSTICS OF GLOBALIZATION

B. TYPES AND STAGES OF GLOBALIZATION

C. IMPORTANCE AND REPERCUSION

UNIT 2: GLOBALIZATION AND NATION STATES

A. GLOBALIZATION IN DEVELOPED COUNTRIES

B. GLOBALIZATION IN DEVELOPING COUNTRIES

C. CHANGES IN THE POITICAL AFFAIRS OF HE NATION STATES

UNIT 3: RISE OF GLOBAL CAPITALISM

A. TRADE IN GOODS AND SERVICES

B. MIBILITY OF PEOPLE: MIGRATION

C. CIRCULATION OF IDEAS, KNOWLEDGE AND TECHNOLOGY

 UNIT 4: CULTURAL IMPERIALISM

A. SOCIAL AND RELIGIOUS INTEGRATION

B. INTEGRATION OF LANGUAGE AND LITERATURE

C. TOURISM AND EXCHANGE OF CULTURE

Learning Outcome

The students will be able to understand the meaning and nature of globalization as well as complexity of multiple cultures. The study will also develop a sense of fellow filling among the citizen of the entire world, which will lead to develop a truly inter-related, inter-dependent, developed global village through the process of globalization, liberalization and modernization.

DEPARTMENT OF HISTORY

Value Added Course:

Globalization and Culture

Attendance of the MA Students

Sl No	Roll No	Name of the Students
1.	20HIST001	Ishita Mishra
2.	20HIST002	Tejaswini Sahoo
3.	20HIST003	Budhadev Chhatria
4.	20HIST005	Sritam Bhuyan
5.	20HIST006	Sujata Malik
6.	20HIST007	Mukesh Kumar Bhoi
7.	20HIST009	Rinita Samal
8.	20HIST010	Sonali Choudhury
9.	20HIST011	Pratap Kanhar
10.	20HIST015	Aroshikha Pradhan
11.	20HIST016	Kalpana Singh
12.	20HIST017	Kumari Saishree Panda
13.	20HIST018	Sucharita Pradhan
14.	20HIST019	Soumyatrupti Sahoo
15.	20HIST020	Barsharani Bhoi
16.	20HIST021	Sonalee Dalai
17.	20HIST022	Arpita
18.	20HIST023	Tapaswini Tarai
19.	20HIST024	Satnami Mana
20.	20HIST025	Chikun Sundray

21.	20HIST026	Monalisa Majhi
22.	20HIST027	Monali Behura
23.	20HIST028	K. Krishna Rani Senapati
24.	20HIST029	B. Jaya
25.	20HIST030	Shradha Panda
26.	20HIST031	Rimjhim Satapathy
27.	20HIST034	Eliza Ekka
28.	20HIST035	Barsha Rani Singh
29.	20HIST036	Minati Mangal
30.	20HIST038	Madhusmita Tiria
31.	20HIST039	Prasanta Kumar Bag
32.	20HIST040	Priyanka Behera
33.	20HIST043	Jyoti Barnali Gahir
34.	20HIST044	Rajashree Das
35.	20HIST045	Kasis Parween
36.	20HIST046	Manaswini Prusty
37.	20HIST047	Shradhanjali Behera
38.	20HIST049	Arpita Behera
39.	20HIST050	Adhyatmika Panigrahi
40.	20HIST051	Ashish Kullu
41.	20HIST052	Pravat Kumar Dalai`
42.	20HIST053	Satyaprasad Nanda
43.	20HIST054	Sasmita Mahakul
44.	20HIST056	Pranati Panda
45.	20HIST057	Babrubahan Naik
46.	20HIST058	Shivani Kumari
47.	20HIST059	Arsumari Tudu
48.	20HIST060	Jyotirmayee Priyadarshini
49.	20HIST061	Sipra Nayak

50.	20HIST062	Maninee Dash
51.	20HIST063	Saurava Kumar Baral
52.	20HIST064	Sagarika Behera
53.	20HIST065	Rinku Sahu
54.	20HIST066	Balaram Dalai
55.	20HIST067	Himanshu Behera
56.	20HIST068	Priyanka Naik

RUSA CoE, Public Policy & Governance, Utkal University

Value Added Course

on

DEMOCRACY AND LOCAL GOVERNANCE: THE ISSUES & CHALLENGES

(13 Dec.- 26 December, 2021)

Course Objectives:

This capacity-building Value Added Course aim is to enhance participants' knowledge of Democracy and Local governance, particularly at the rural and urban level. The Value Added Course would be focus specifically on:

- To discuss recent trends in thinking about Democratic decentralization and Local governance in the context of development.
- Aim of the Value Added Course is to co-produce a share vision on (i) how to use decentralization as an instrument for improving development and local democracy outcomes; (ii) what it means to adopt a local/territorial perspective to development and on how to promote it in hugely varying country contexts
- Mobilizing youth to effectively engage in local governance
- Introducing practical solutions to policy implementation and monitoring municipality governance

Units	Title
Democratic Decentralization	1. Concept: Theoretical Background 2. Evolution and Significance of Democratic Decentralization
Understanding Decentralization in Contemporary Settings	1. Legislative Framework of Decentralization 2. Decentralization in Operation • Political Decentralization • Functional Decentralization • Administrative Decentralization • Financial Decentralization 3. Decentralization: The Road Ahead
Components of Decentralized Development	1. Empowerment

	2. Socioeconomic and Politico-administrative
	3. Equal Distribution of Benefits of Development
Assessment and Evaluation of Decentralization through PRI and ULBs (73rd and 74th Constitutional Amendment Acts)	1. Features Of 73rd and 74th constitutional Amendment
	2. Organizational Structure of Rural and Urban Local Bodies
	3. Intra-Local Government Relationship: Rural and Local
	4. Partnership Between Local Government and Non-State Agencies/Actors

OUTCOME:

- Understand the concept of Democratic Decentralization and Local Governance
- Critically discuss the legislative framework and functioning of Decentralization in the context of 73rd & 74th Constitutional Amendment Acts
- Discuss the need of partnership between government and citizens at the local level
- Make suggestions for future administrative development at the field level with regard to special purpose agencies.

REFERENCES AND FURTHER READING

Chakrabarty Bidyut and Mohit Bhattacharya (ed), 2003, Public Administration: A Reader, Oxford University Press, New Delhi.

Joshil. R. P. and G.S. Narwani, 2002, Panchayat Raj in India: Emerging Trends Across the states, Rawat Publications, Jaipur, New Delhi.

Siva Subrahmanyam K.& R.C. Chowdhury, 2002, Functional and Financial Devolution on Panchayats in India, NIRD, Hyderabad.

Bhattacharya, Mohit and Prabhat K . Dutta, 1991, Governing Rural India, Uppal Publishing House.

Bajpai, Ashok, 1997, Panchayati Raj and Rural Development, Sahitya Prakashan, Delhi.

Mishra, S.N., 2005, The 73rd Constitution Amendment and the Local Resource Base: A Critical Appraisal, in S.S. Chahar (ed.), Governance at Grassroots Level in India, Kanishka, New Delhi.

Barry, Hindness, Representative Government and Participatory Democracy, in Andrew Vandenberg, ed., 2000, Citizenship and Democracy in a Global Era, Macmillan Press Ltd., Houndmills.

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VALUE-ADDED COURSE: DEMOCRACY AND LOCAL GOVERNANCE: THE ISSUES AND CHALLENGES

13th December- 26th December 2021

Day and Date	Timing (Duration 2.5 Hrs)	Topics	Speaker of the session	Email Id and Mobile No.
13-12-2021	2:00- 4:30 PM	Inauguration: Brief introduction on Value Added Course and Guests Democracy and Governance in Odisha: A historical background	**Prof. Basanta Kumar Mallik, Chairman, PG Council of Utkal University and Coordinator of Centre of Public Policy and Governance**	
14-12-2021	2:00- 4:30PM	Understanding Decentralization in Contemporary Settings Financial Decentralization	**Dr. Himanshu Rout, Head of Department of Analytical and applied Economics of Utkal University and Co-coordinator of Centre of Public Policy and Governance**	
15-12-2021	2:00- 4:30PM	Legislative Framework of Decentralization Decentralization in Operation • Political Decentralization • Functional Decentralization • Administrative Decentralization	**Dr. SwapnaPrabhu, Assistant Professor Department of Political Science, Utkal University and Co-coordinator of Centre of Public Policy and Governance**	
16-12-2021	2:00- 4:30PM	Democracy and Governance: A historical background	**Dr. Jagdish Singh Assistant Professor in Delhi University (Satywati College, Evening)**	jagdishsinghjnu@gmail.com **Contact: +91-9968431502**
17-12-2021	2:00- 4:30PM	Critical analysis of Interest Groups and pressure groups Debate on recent Farmer movement and role of interest groups in the context of farmer movement	**Dr. Avneet Kaur, Assistant Professor at Amity University, Nodia, Uttar Pradesh**	akaur5@amity.edu **Contact: +91-9811585719**

Date	Time	Topic	Speaker	Contact
18-12-2021	2:00-4:30PM	Gross-roots Democracy: Urban Local Self-Government- A grounded promise Gross-roots Democracy: The Issues and Challenges	**Dr. NiveditaGiri, Assistant Professor at Delhi University, Kalandi College**	**niveditagiri13@gmail.com** **Contact: +91-8800907971**
19-12-2021	2:00-4:30PM	73rd and 74th Constitutional Amendments Acts Local Government: Concept, Roles and Importance for Contemporary Society.	**Dr. NitumoniKakati Assistant Professor, Department of Political Science, DeenDayalUpadhyaya College, University of Delhi**	**nitumonik@gmail.com** **Contact: +91-9717940972**
20-12-2021	2:00-4:30PM	Recent government's policy towards Panchayati Raj Institutions, (PRIs) Role of Non-governmental Agencies in Policy Implementation at Rural and Local Level	**Dr. Preeti, Assistant Professor, Department of Political Science, Shivaji College, University of Delhi**	**pritimphil1990@gmail.com** **Contact: +91-9871466732**
21-12-2021	2:00-4:30PM	Role of Civil Society in Local Governance	**Prof. Geetanjali Dash, Department of Political Science, Fakir Mohan University, Odisha**	**geetanjali1961@gmail.com**
22-12-2021	2:00-4:30PM	Local Finance: The Issues and Challenges	**Prof. Amarendra Das of NISER Bhubaneswar**	**dasamarendra@gmail.com** **Contact: +91-9439923626**
23-12-2021	2:00-4:30PM	Role of Non-governmental Agencies in Women participation at Local Governance	**Associate Professor GeetaSahare, Department of Political Science, Lakshmibai College, University of Delhi.**	**geetasahare@yahoo.co.in** **Contact: +91-9811720101**
24-12-2021	2:00-4:30PM	Relevance of research and primary data in the contemporary time	**Prof. Ashok Acharya, Department of Political Science, University of Delhi**	**aacharya.du@gmail.com** **Contact: +91-9811396955**
25-12-2021	2:00-4:30PM	Interaction and discussion with the students and participants with the members of the Centre of Public Policy and Governance- on the topics covered in the course	**Faculty members of Centre of Public Policy and Governance and all the PDFs of RUSA 2.0**	

| 26-12-2021 | 2:00-4:30PM | Examination | **Dr. Beena and Dr. Sonali Mishra, RUSA 2.0, PDFs** | |

Total Hours: 35 Hours

List of Participants:

S.NO.	NAME OF STUDENT	COURSE	INSTITUTE/ORGANIZATION	EMAIL ADDRESS	ATTENDANCE
1.	Alakananda Gahir	PhD	Utkal University/ History Department	alakagahir90@gmail.com	P
2.	Amrita Mallik	M.Phil.	Utkal University/ History Department	Amritamallik26@gmail.com	P
3.	Chandrika Ray	PhD	Utkal University/Sociology Department	iaschandrika@gmail.com	P
4.	DebabratSahoo	PG	Utkal University/ Political Science	Debabratasahoo14@gmail.com	P
5.	Debasis Acharya	PG	Utkal University/ Political Science	Debasisacharya8658@gmail.com	P
6.	Krishna Kumar	PG	Delhi University/ Political Science	Krishnakumardu5@gmail.com	P
7.	LalitaTudu	M.Phil.	Utkal University/ History Department	Lalitatudu07@gmail.com	P
8.	MamataPatra	M.Phil.	Utkal University/History Department	Patramamata0001@gmail.com	P
9.	MeenakshiBhujbalal	PG	Utkal University/ Political Science	Meenakshibhujabala123@gmail.com	P
10.	Neeti	PG	IGNOU/ MSW	Neetikaushik2384@gmail.com	P
11.	Pankaj Kumar	UG	Delhi University/ Political Science	Pankajkumar2003@gmail.com	P
12.	Parvesh Kumar	PG	Delhi University/ Political Science	Parvesh2001@gmail.com	P
13.	Pinki	PG	IGNOU/ MSW	Pinki999919@gmail.com	P
14.	PravakarSethi	PhD	Utkal University/ History Department	Pravakarsethi997@gmail.com	P
15.	Priyanka	PG	IGNOU/ Political Science	Priyanka14dec1996@gmail.com	P
16.	Ritu Sharma	PhD	Utkal University/History Department	Sharma1007ritu@gmail.com	P
17.	Samapti Das	M.Phil.	Utkal University/ History Department	Dassamapti97@gmail.com	P
18.	Sangeetarani Mishra	PhD	Utkal University/ History Department	Sangeetaranimishra8@gmail.com	P
19.	Sharbani Das	M.Phil.	Utkal University/ Public Administration	Sarbani.das@hotmail.com	P
20.	Sonal Jain	PG	Delhi University/ Political Science	Sonaljain6929@gmail.com	P
21.	Subrata Jena	PhD	Utkal University/ History Department	Subratajena1997@gmail.com	P

22.	Suman	PG	IGNOU/ MSW	Sumand23121996@gmail.com	P
23.	Vaishali	PG	IGNOU/ MSW	Bhanusehrawat1009@gmail.com	P
24.	Neeti	PG	IGNOU/MSW	Neetikaushik2384@gmail.com	P

Ethical Hacking course

Module 01: Introduction to Ethical Hacking

- Information Security Overview
- Information Security Threats and Attack Vectors
- Hacking Concepts
- Ethical Hacking Concepts
- Penetration Testing Concepts
- Information Security Laws and Standards

Module 02: Footprinting and Reconnaissance

- Footprinting Concepts
- Footprinting through Search Engines
- Footprinting through Social Networking Sites
- Website Footprinting
- Email Footprinting
- Whois Footprinting
- DNS Footprinting
- Footprinting Tools
- Footprinting Countermeasures
- Footprinting Penetration Testing

Module 03: Scanning Networks

- Network Scanning Concepts
- Scanning Tools
- Scanning Techniques

Module 04: Enumeration

- Enumeration Concepts
- SMTP and DNS Enumeration
- Other Enumeration Techniques
- Enumeration Countermeasures

Module 05: Vulnerability Analysis

- Vulnerability Assessment Concepts
- Vulnerability Assessment Tools
- Vulnerability Assessment Reports
- Web App Concepts
- Web App Threats
- Hacking Methodology
- Web App Hacking Tools
- Countermeasures

IMCA, Utkal University
Attendance Sheet for Value Added Course (Ethical Hacking)
December, 2021

Teacher:

Sl. No.	Roll No.	Name of the Student	1	2	3	4	5	6	7	8	9	10
1	17IMCA003	Aman Niaj	P	P	P	A	P	P	A	A	P	P
2	17IMCA005	Anurag Mohanty	A	A	A	P	P	P	P	A	A	A
3	17IMCA006	ARABINDA KAR	P	P	P	P	A	P	A	P	P	A
4	17IMCA017	Bibhu Prasad Mishra	P	P	P	P	P	A	A	A	P	P
5	17IMCA021	Dipti Prava Behera	P	P	P	P	P	P	A	A	P	P
6	17IMCA022	Gyanaranjan Nayak	P	P	A	P	A	P	P	A	P	P
7	17IMCA023	Indira Pattanaik	A	A	P	P	P	P	P	A	A	A
8	17IMCA025	Jagyanseni Behera	A	A	A	P	P	P	P	P	P	A
9	17IMCA028	Lipsa Abhijita Das	P	P	A	A	P	P	P	A	A	A
10	17IMCA029	MD Amir Hamza	P	P	P	A	A	A	A	A	A	A
11	17IMCA030	Nilofar Akhtar	P	P	P	P	P	P	P	A	A	P
12	17IMCA033	Punam Patra	P	P	P	P	P	A	P	A	A	P
13	17IMCA034	Rajesh Kumar Sahoo	P	P	P	P	A	A	P	P	P	P
14	17IMCA040	Sasmita Bada	A	A	A	P	P	P	P	P	A	A
15	17IMCA042	Shubhrajyoti Sahoo	P	P	P	P	P	P	P	P	A	A
16	17IMCA049	Subham Rout	P	P	P	P	P	A	A	A	A	A
17	17IMCA054	Sunil Kumar	A	A	A	P	P	P	P	A	A	A
18	17IMCA058	Swagatika Subudhi	P	P	P	P	P	A	A	A	P	P
19	18IMCA001	ABHILASH DASH	P	P	P	P	A	A	P	P	A	P
20	18IMCA002	Abhilipta Parida	P	P	P	P	P	P	P	P	A	P
21	18IMCA004	Aditya Narayan Mishra	P	P	P	P	P	A	A	A	A	A
22	18IMCA005	Aditya Tripathy	P	P	P	A	P	P	P	A	A	P
23	18IMCA009	Ankita Mohanty	P	P	P	P	P	P	A	A	P	P
24	18IMCA011	Ankita Sahoo	P	P	A	P	P	A	P	P	P	P
25	18IMCA012	Anshuman Dash	A	A	P	P	P	P	P	P	P	P
26	18IMCA013	Anshuman Patra	A	A	P	P	P	A	P	P	A	A
27	18IMCA015	Aurobinda Sahoo	P	P	P	A	A	P	P	A	P	P
28	18IMCA016	Aurosmruti Das	P	P	P	P	A	P	P	A	A	P
29	18IMCA017	Bishnupriya Rout	A	A	A	P	P	P	P	A	P	A
30	18IMCA018	Biswaprasad Sahoo	P	P	P	P	A	A	P	P	A	P
31	18IMCA018	Apurba Keshari	A	A	A	P	P	P	P	A	A	A
32	18IMCA019	Chiranjeev Panda	P	P	P	P	A	P	A	A	P	A
33	18IMCA020	Daizy Meher	P	P	P	P	P	P	P	P	P	P
34	18IMCA024	Kanun Nayak	P	P	P	P	P	P	P	P	P	P
35	18IMCA025	Krishna Kaberi Parida	P	P	P	P	P	A	A	P	P	A
36	18IMCA027	Lopismita Panda	P	P	P	P	P	P	A	P	A	A
37	18IMCA028	Lopita Manaswini Mishra	P	P	P	A	A	P	P	A	P	A
38	18IMCA030	PRACHI PARNA BHOI	A	A	P	P	P	A	A	A	P	A
39	18IMCA031	Pradyumna Naik	A	P	P	A	P	P	A	P	P	A
40	18IMCA035	Priyadarshini Choudhury	P	P	P	P	P	P	A	A	P	P
41	18IMCA036	Rajat Murmu	P	P	P	P	A	A	P	P	A	P
42	18IMCA040	Satya Prakash Nath	P	P	A	A	A	P	A	P	P	A
43	18IMCA042	Shuvranshu samal	A	A	A	P	P	P	P	A	A	A
44	18IMCA044	Sonali Jena	P	P	P	P	P	P	P	P	P	P
45	18IMCA046	Sonali Sahu	P	P	P	P	A	A	A	P	P	P
46	18IMCA047	Soubhagya Samal	A	A	A	P	P	P	P	P	A	A

Sl. No.	Roll No.	Name of the Student	1	2	3	4	5	6	7	8	9	10
47	18IMCA049	Soumya Ranjan Sahoo	P	P	P	P	P	P	A	A	P	P
48	18IMCA057	Sushree Satabdi Pradhan	P	P	P	A	A	A	P	A	A	P
49	18IMCA058	Swaraj Baksi	P	P	P	P	P	P	P	A	A	P
50	19IMCA001	Abhijit Das	P	P	P	P	A	A	P	P	P	A
51	19IMCA002	Abhilipsa Panda	P	P	P	P	P	P	P	P	P	P
52	19IMCA003	ABHISEK MISHRA	P	P	P	P	A	A	P	P	P	A
53	19IMCA004	Agni Tanmaya Behera	A	A	A	P	P	P	A	A	P	P
54	19IMCA005	Ajaya Kumar Patnaik	P	P	P	P	A	A	P	P	P	P
55	19IMCA006	Alisha Das	P	P	P	P	P	A	A	A	P	P
56	19IMCA008	Ankita Sahoo	P	P	P	P	P	A	A	P	P	P
57	19IMCA009	Anshuman Swain	P	P	A	A	P	A	P	A	P	A
58	19IMCA012	Bibhupada Acharya	P	P	P	A	A	A	P	A	P	A
59	19IMCA013	BISHNUPRASAD BEHERA	P	P	P	P	P	A	A	P	P	A
60	19IMCA014	BISWAJIT MAHARANA	A	A	A	A	A	A	A	A	A	A
61	19IMCA015	Chandan Kumar Sahoo	P	P	P	P	P	P	A	P	P	P
62	19IMCA016	Chandrakanta jena	P	P	P	P	P	A	P	P	A	P
63	19IMCA018	Diptesh Choudhury	P	P	P	P	P	A	P	P	A	P
64	19IMCA020	Harsita Pradhan	P	P	P	P	A	P	P	A	P	P
65	19IMCA024	Jasmin Mishra	P	P	P	A	A	P	P	A	P	P
66	19IMCA026	Lasani prusty	P	P	P	P	P	P	P	A	P	P
67	19IMCA027	Lipika Behera	P	P	P	A	A	P	P	P	A	A
68	19IMCA028	Madhusmita Swain	P	P	A	A	P	P	A	A	P	P
69	19IMCA029	Monali Priyadarshini Sahoo	P	P	P	A	P	P	A	P	A	A
70	19IMCA030	Nageswar Guru	P	P	A	A	P	A	P	P	P	A
71	19IMCA032	Pallabi Priyadarshini	P	P	P	P	A	A	A	P	P	P
72	19IMCA035	Purnendu Mohapatra	P	P	P	P	P	P	A	A	P	P
73	19IMCA036	Rashmita Behera	P	P	P	P	P	A	A	A	A	A
74	19IMCA037	Rojalin Sahoo	P	P	A	P	A	P	P	A	P	P
75	19IMCA038	sabyasachi sahoo	P	P	P	A	P	A	P	A	P	P
76	19IMCA039	Sachikanta Mohanty	A	A	P	P	P	A	P	P	A	P
77	19IMCA040	SAFALYA KUMAR PADHI	P	P	P	P	P	A	P	A	P	P
78	19IMCA041	Samir Kumar Choudhury	P	P	A	A	P	P	A	P	P	P
79	19IMCA042	Santosh Hembram	P	P	P	P	A	A	P	P	P	P
80	19IMCA044	SASWATI SUBHADARSINI BEHERA	P	P	P	P	P	A	A	P	P	P
81	19IMCA045	Satya Narayana Behera	P	P	P	A	A	P	P	A	A	A
82	19IMCA046	SAUMYAKANTA SAHOO	P	P	P	P	P	P	A	P	A	P
83	19IMCA049	Shibashis Mohapatra	A	A	P	P	P	P	A	A	P	P
84	19IMCA050	Sidhartha sankar Behera	A	P	P	P	P	A	A	P	P	A
85	19IMCA052	Sruti Sulagna Dash	P	P	P	A	A	P	P	A	A	P
86	19IMCA053	Subhashis Patbandha	P	P	P	P	P	P	A	A	P	P
87	19IMCA053	Subhashis Patbandha										
84	19IMCA054	Subhashree Singh	P	P	P	P	A	A	P	A	A	P
88	19IMCA055	Subrat Kumar Behera	P	P	A	P	A	A	P	A	P	A
89	19IMCA056	Sudipta Kar	P	P	P	A	P	A	P	P	A	A
90	19IMCA057	sushree sangita sahoo	P	P	P	P	A	A	A	P	P	A
91	19IMCA058	Swagatika Pal	P	P	P	P	A	P	A	P	P	A
92	19IMCA059	Swayam Sudha Sahoo	P	P	A	A	P	P	P	A	A	P
93	19IMCA060	Tusharkanta Bihari	P	P	A	A	P	A	A	P	A	A
		Signature of Teacher with date	8/12	22/12	23/12	24/12	25/12	27/12	28/12	29/12	30/12	31/12

Programme :

December 21 - 31 , 2021

Time - 3 PM - 6 PM

Organising Committee

Chief Patron :
Prof. Sabita Acharya
(Vice Chancellor)
Patrons :
Prof. Basanta Kumar Mallick
(Chairman , P.G. Council)
Prof . Navaneeta Rath
(Director , SFCs)

Convenors :
Dr. Prafulla Kumar Behera
(Course Coordinator)
Mr. Biswojit Nayak
(Asso. Course Coordinator)

Organising Committee
Members :
Mrs. Stitapragyan Lenka
Mrs. Aliva Priyadarshini
Dr. Pranati Satapathy
Mrs. Rashmita Padhi

REGISTRATION PORTAL

os://forms.gle/wKdnGX8fDG3i5T7A7

A VALUE ADDED CERTIFICATE COURSE

ON

ETHICAL HACKING

**INTEGRATED MCA
UTKAL UNIVERSITY**

Speaker :

Pranab Ranjan Sahoo
Cyber Security Consultant
IIIT Bhubaneswar

Ethical Hacking is an authorized practice of bypassing system security to identify potential data breaches and threats in a network. The company that owns the system or network allows Cyber Security engineers to perform such activities in order to test the system's defenses. Thus, unlike malicious hacking, this process is planned, approved, and more importantly, legal.