SAMBALPUR UNIVERSITY JYOTI VIHAR, BURLA SAMBALPUR (Orissa) PIN-768019



This is certified that the courses having focus on employability/ entrepreneurship/ skill development during the last five and the new courses introduced of the total number of courses across all programmes offered during the last five years are mentioned as follows:

Course Code	Name of the Course	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
	Development		
AN-SA.E. 525	Anthropology	2018	Employability
AN.C. 425	Fundamentals of Human Genetics	2018	Employability
614	Soft Skill Development and Capacity Building	2019	Skill developement
BI-411	<ul><li>(A) Physical</li><li>Sciences (B)</li><li>Foundation Biology</li></ul>	2017	Skill Development
	Chemistry of		
BI-412	Biomolecules	2017	Skill Development
BI-415	Molecular Biology-I	2017	Skill Development
BI-417	Practical (Genetics and Microbiology)	2017	Skill Development
BI-418	Practical (Biochemistry)	2017	Skill Development
BI-422	Bioenergetics and Metabolism	2017	Skill Development
BI-423	Immunology	2017	Skill Development
BI-424	Molecular Biology- II	2017	Skill Development
BI-426	Bioinformatics Programming	2017	Skill Development
BI-427	Practical (Immunology and Molecular Biology)	2017	Skill Development
BI-428	Practical (Bioinformatics Resources and Programming)	2017	Skill Development

BI-543(A)	System Biology	2018	Skill Dovelopment
. ,	System Biology Clinical Data	2018	Skill Development
BI-543(B)			
	Warehouse and Data	2019	
DI 542(C)	Mining	2018	Skill Development
BI-543(C)	NGS and		
	Microarray Data	2010	
DI 500	Analysis	2018	Skill Development
BI-538	Practical (Molecular	2018	
	Modeling and		
	Computer Aided		
	Drug Design)		Skill Development
DT 401	Probability and	0017	
BT-421	Biostatistics	2017	Skill Development
	Practical (Cell		
DT 429	Biology & Industrial	2017	
BT-428	Biotechnology)	2017	Skill Development
DT 524	Cell Culture	2017	
BT-534	Techniques	2017	Skill Development
	Agricultural	2017	
BT-536 (A)	Biotechnology	2017	Skill Development
$\mathbf{DT} 5 2 \mathbf{C} (\mathbf{D})$	Clinical Pathology &	2017	
BT-536 (B)	Diagnostics	2017	Skill Development
$\mathbf{DT} 5 2 \mathbf{C} (\mathbf{D})$	Pharmaceutical	2017	
BT-536 (D)	Biotechnology	2017	Skill Development
	Practical (Cell		
	Culture and		
DT 527	Recombinant DNA	2017	
BT-537	Tech.)	2017	Skill Development
DT 529	Practical	2017	
BT-538	(Bioinformatics)	2017	Skill Development
	Practical (Cell		
DT 527	Cultrue &	2018	Skill Development
BT-537	Bioinformatics)	2018	Skill Development
	Practical (Plant & Animal		
DT 529		2019	Skill Dougloomoot
BT-538	Biotechnology)	2018	Skill Development
BT-611	Instrumentation and	2018	Skill Dougloomoot
DT (1)(A)	Techniques	2018	Skill Development
BT-612(A)	Applied	2019	Skill Development
$\mathbf{DT} (12) \mathbf{D}$	Immunology	2018	Skill Development
BT-612(B)	Bioprocess		
	Engineering &	2019	
	Technology	2018	Skill Development
BT-612(C)	Computational	2019	
$\mathbf{DT} (12) \mathbf{D}$	Biology Define al Deres	2018	Skill Development
BT-612(D)	Rational Drug	2019	
	Design & Evaluation	2018	Skill Development
BT-612(E)	Genomics &	2010	
	Proteomics	2018	Skill Development
BT-612(F)	Medical	2010	
	Microbiology	2018	Skill Development
BT-612(G)	Plant Genome	2018	Skill Development

	Mapping and		
	Genomics		
BT-613	Research		
	Methodology		
	(Quantitative		
	Analysis and		
	Computer		
	Applications)	2018	Skill Development
BT-614	Practical (Based on		
	BT-611 and BT-612)	2018	Skill Development
BT-615	Review of Research		
	papers published in		
	Journals (Review		
	Report- 2 CH and		
	Seminar- 2 CH)	2018	Skill Development
BT-621	Seminar (At least		
	two)	2018	Skill Development
BT-622	Dissertation	2018	Skill Development
BT-614	Research and		•
	<b>Publication Ethics</b>	2020	Skill Development
	Managerial Skill		•
CP-105	Development	2016	Skill Development
	Programming in		
MSC-201	JAVA	2016	Employability
	Object Oriented		
	Programming using		
MSC-101	C++	2016	Employability
CSC113	Programming in C	2016	Employability
	Python		
MSC-301	Programming	2017	Employability
	ADVANCED		
	ORGANIC		
CH-521	SYNTHESIS	2017	Skill Development
	PHOTOPHYSICAL		1
	PROCESSES &		
	INSTRUMENTATI		
CH-522	ON	2017	Skill Development
	CHEMISTRY OF		<b>^</b>
	NANOMATERIAL		
CH-523	S	2017	Skill Development
	INDUSTRIAL		
CH-524	PROCESSES	2017	Skill Development
	ADVANCED		· · ·
	ANALYTICAL		
CH-531	CHEMISTRY	2017	Skill Development
	SUPRAMOLECUL		<b>^</b>
CH-532	AR CHEMISTRY	2017	Skill Development
	SURFACE		<b>1</b>
	CHEMISTRY &		
CH-533:	CATALYSIS	2017	Skill Development
	MATERIAL AND		•
CH-534:	ENERGY	2017	Skill Development

	BALANCE		
	Financial Institutions		
ECO-405	& Markets -I	2006	Employability
ECO-403		2000	Employability
	QUANTITATIVE METHODS &		
	COMPUTER		
ECO403	APPLICATION-I	1996	Employability
ECO-505	Econometrics-I	1977	Employability
LCO-303	Mathematical	1)///	
ECO-504	Economics-I	1977	Employability
LCO 304	Mathematical	1)///	Employaomity
ECO-514	Economics_II	1977	Employability
100 011	Managerial		
CP-103	Economics	2006	Employability
MBA(FM)-1.4	Statistical Analysis	2006	Employability
WIDA(1WI)-1.4	Computer	2000	Employability
	Application in		
MBA(FM) 2.2	Business	2006	Employability
	Operation	2000	
MFC-3.1	&Research	2006	Employability
	Portfolio		F
MBA(FM) 3.4	Management	2006	Employability
	Accounting for		
	Managerial		
MBA(FM) 2.1	Decisions	2006	Employability
	RESEARCH		
	METHODOLOGY &		
	DATA		
	MANAGEMENT		
ECO-612	TECHNIQUES	1985	Employability
	Introduction to		
	Philosophy of		
PC-1	Education	2018	Skill Development
	Sociology of		
PC-3	Education	2018	Skill Development
PSS-A 1	Pedagogy of School		
155711	Subjects Gr. A-P 1	2018	Skill Development
PSS-A 2	Pedagogy of School		
-~~	Subjects Gr. A-P 2	2018	Skill Development
	School Observation		
	& Observing	2019	
RA-1	Children	2018	Skill Development
	Hand on Experience		
PA-1	for Curriculum Transaction	2018	Skill Davelonment
1 /1-1	Working With	2010	Skill Development
AA-1	Community	2018	Skill Development
	Introduction to	2010	
	Educational		
PC-5	Psychology	2018	Skill Development
PC-9	Pedagogical Process	2018	Skill Development
1 (-7	i congogicai i iocess	2010	Skin Development

	and Practices		
	Introduction to		
RTS-1	Educational		
K15-1	Research	2018	Skill Development
	Self Development	2010	Skii Development
	Skill- Meditation &		
	Yoga, Arts & Crafts		
RTS-3	and Theatre.	2018	Skill Development
K15-5	Organization of	2010	Skii Development
	Seminar on taught		
PA-2	course	2018	Skill Development
171-2	Class Room	2010	Skii Development
	Teaching Practice on		
IA-1	Subjects-1	2018	Skill Development
1/1-1	Working in In-	2010	Skii Development
	service & Pre –		
	Service Teacher		
	Preparation context		
AA-2	(TEIs)	2018	Skill Development
AA-2	Introduction to	2018	Skii Development
PC-1		2018	Skill Development
	Study of Education	2018	Skill Development
PC-9	Language across Curriculum	2019	Shill Development
		2018	Skill Development
RTS-1	Introduction to	2010	
	Research Methods	2018	Skill Development
PSS-B	Pedagogy of School	2010	
	Subjects-Gr.BP.1	2018	Skill Development
RTS Pr1	Dissertation (Part-I)	2018	Skill Development
RTS Pr2	Research Seminar	2018	Skill Development
	SI-III		
PSS- Pr.III	ClassroomTransactio		
	n and related activity	2018	Skill Development
PSS Pr. IV	Interaction with		
15511.10	Community	2018	Skill Development
	Discourse with		
PSS- Pr. V	Other Related		
	Agencies	2018	Skill Development
	Philosophical		
PC-2	Perspectives in		
	Education	2018	Skill Development
RTS-5	Self Development	2018	Skill Development
	Perspectives in		r
TEC-1	Teacher Education	2018	Skill Development
500.0	Pedagogy of School		
PSS-2	Subjects-2.P.II	2018	Skill Development
	School Education:		
SSC-1	Systems, Structures		
	and Functions	2018	Skill Development
RTS Pr1	Dissertation (Part-II)	2018	Skill Development
N10111	Attachment with	2010	
TEC- Pr		2018	Skill Development
	TEIs (Elementary	2010	Skin Developillent

	and Secondary TEIs)		
	Contemporary		
PC-7	Concerns in		
	Education	2018	Skill Development
	Advanced Research	2010	
RTS-2	Methods	2018	Skill Development
	Educational	2010	
TS 1	Management and		
101	Leadership	2018	Skill Development
	Educational Policy	2010	
TS 2	and Planning	2018	Skill Development
TS 3	ICT in Education	2018	Skill Development
15.5	Environment	2018	Skill Development
TS 4	Education	2018	Strill Development
	Guidance and	2018	Skill Development
TS 5		2018	Shill Development
TCC	Counselling		Skill Development
TS 6	Preschool Education	2018	Skill Development
RTS Pr1	Dissertation (Part-	2010	
	III)	2018	Skill Development
TS Pr.1	Theme Area	2010	
-~	Practicum I	2018	Skill Development
	Issues and Research		
	in Teacher		
TEC -2	Education	2018	Skill Development
	Emerging Issues in		
~~~ ~	Elementary		
SSC -2	Education	2018	Skill Development
	Emerging Issues in		
	Secondary and		
	Senior Secondary	• • • • •	
SSC -3	Education	2018	Skill Development
	Theme Area		
TS Pr.2	Practicum II	2018	Skill Development
	Computer		
<b></b>	Application in		Employability / skill
Eng 434	Literary Studies	2007	development
	Textual Criticism &		Employability /
	Theory of Literary		entrepreneurship / skill
ENG-612	History	2019	development
Eng 433	Contemporary Novel	2021	Skill development
	Research		
	Methodology and		
	Computer		
	Application in		
Eng 434	Literary Studies	2021	Skill development
	ENTERPRENUERS		Employability /
FS-521	HIP	2014	entrepreneurship / skill
10-541	DEVELOPMENT	2017	development
	PROPOSAL		-
FS-524	INDUSTRIAL	2014	Employability /
1.0-324	TOUR REPORT	2017	entrepreneurship / skill

			development
FSN. 424	Advanced Human		
1'51N. 424	Physiology	2018	Skill Developement
	Community Health		
FSN 514 a	Management	2018	Skill Developement
	Institutional Food		
FSN 514 c	Management	2018	Skill Developement
	Food Processing and		
FSN 514 d	Preservation	2018	Skill Developement
	Computer		
	Application in	2000	
H 5.1.5	Historical Studies	2008	Employblity
	Historical		
11510	application in	2005	Encologia liter
H 5.1.2	tourism	2005	Employblity
H 5.1.3 (A)	Archaeology	1985	Employblity
H 5.1.3 (B)	Museology	1999	Employblity
	Advance Food		
HSC. 412	Science & Nutrition	2018	Skill development
1100 110	Nutrition through	2010	
HSC. 413	life cycle	2018	Skill development
	Nutrition		
1190 424	Communication for	2019	
HSC. 424	Health promotion	2018	Skill development
HSC. 511	Therapeutic Nutrition	2018	Skill davalonment
пъс. 311	Nutritional	2018	Skill development
HSC. 512	Biochemistry	2018	Skill development
1150. 512	Food Microbiology	2010	
HSC. 513	& Food safety	2018	Skill development
1160.015	Programme Planning	2010	
	in Public Health		
HSC. 514	Nutrition	2018	Skill development
	Public Health		
HSC. 521	Nutrition	2018	Skill development
	Public Health Aspect		*
HSC 522	of Malnutrition	2018	Skill development
	Advance Clinical		
HSC. 523	nutrition	2018	Skill development
	Entrepreneurship in		
HSC. 524	Food Service	2018	Skill development
HSC 525	Food Processing	2018	Skill development
LL.M - E 522	Criminology	1986	Employability
LL.M - E 523	Penology	1986	Employability
	Law of Banking &		
	Negotiable		
LL.M - E 524	Instrument – I	1986	Employability
	Law of Banking &		-
	Negotiable		
LL.M - E 525	Instrument – II	1986	Employability
LL.M - E 526	Statute Law – I	1986	Employability

	Chatasta Lassa II	1007	Enceland 111
LL.M - E 527	Statute Law – II	1986	Employability
LL.M – E 530	Patent	2013	Employability
	Trade Marks		
	Designs, Protection		
	of Geographical		
	Indications & New	2012	Enceland Hiter
LL.M – E 531	varieties of Plants	2013	Employability
LL.M – E 532	Law Teaching	2006	Employability
	Effective		
MLIS-431	Communication Skill	2017	Skill development
WILIS-451	Fundamentals of	2017	Skill development
LS-411	Physical Sciences	2011	Skill development
		2011	Skill development /
LS-412	Biochemistry	2011	Entrepreneurship
	Biophysics and		
	Biophysical		Skill development /
LS-413	Chemistry	2011	Entrepreneurship
			Skill development /
			Entrepreneurship /
LS-414	Microbiology	2011	Employability
LS-415	Molecular Biology	2011	Skill development
	Practical		
	(Biochemistry and		
LS-417	Instrumentation)	2011	Skill development
	Practical		
LS-418	(Microbiology)	2011	Skill development
LS-421	Ecology	2011	Skill development
LS-422	Cell Biology	2011	Skill development
LS-424	Genetics	2011	Skill development
	Taxonomy,		
	Biodiversity and		
LS-425	Biostatistics	2011	Skill development
	Advanced		Skill development /
	Techniques in		Entrepreneurship /
LS-426	Biology	2011	Employability
	Practical (Ecology		
LS-427	and Biostatistics)	2011	Skill development
	Practical (Genetics,		
	Immunology,		
	Advanced		
LS-428	Technique)	2011	Skill development
	Bioinformatics and		
10.521	Computer	2011	Skill development /
LS-531	Application (A) Plant	2011	Entrepreneurship
19 522 (A)	(A) Plant	2011	Shill development
LS-532 (A)	Morphology (D) Animal	2011	Skill development
IS 522 (D)	(B) Animal Morphology	2011	Skill development
LS-532 (B)	Morphology (A) Plant	2011	Skill development
LS-533 (A)	(A) Plant Development	2011	Skill development
LS-333 (A)	Development	2011	Skin development

			1
	(B) Animal	2011	
LS-533 (B)	Development	2011	Skill development
LS-534 (A)	(A) Plant Physiology	2011	Skill development
	(B) Animal		
LS-534 (B)	Physiology	2011	Skill development
	Biochemistry: (A)		
LS-535 (A)	Bioenergetics	2011	Skill development
	Microbiology: (B)		
	Microbial		
LS-535 (B)	Physiology	2011	Skill development
	Ecology: (C)		Skill development /
LS-535 (C)	System Ecology	2011	Employability
	Physiology: (D)		Skill development /
LS-535 (D)	Cell Physiology	2011	Entrepreneurship
	Biochemistry: (A)		Skill development /
LS-536 (A)	Enzymology	2011	Entrepreneurship
	Microbiology: (B)		
LS-536 (B)	Microbial Genetics	2011	Skill development
	Ecology: (		
	C) Ecological		Skill development /
LS-536(C)	Energetics	2011	Employability
	Physiology: (D)		Skill development /
LS-536(D)	Crop Physiology	2011	Employability
	(A) Practical (Plant	-	<u>r</u> system s
	Morphology,		
	Development,		
LS-537 (A)	Physiology)	2011	Skill development
	(B) Practical		For the second s
	(Animal		
	Morphology,		
	Development,		
LS-537 (B)	Physiology)	2011	Skill development
	Special Paper		
	Practical- I (A)		
LS-538 (A)	Biochemistry	2011	Skill development
	Special Paper		
	Practical- I (B)		Skill development /
LS-538 (B)	Microbiology	2011	Employability
	Special Paper		
	Practical- I (C)		
LS-538 (C)	Ecology	2011	Skill development
	Special Paper		
	Practical- I (D)		
LS-538 (D)	Physiology	2011	Skill development
	Practical		
	(Bioinformatics and		
	Computer		Skill development /
LS-539	Application)	2011	Employability
			Skill development /
LS-541	Genetic Engineering	2011	Employability
LO-J41	(A) Cell culture	2011	Skill development /
19 542 (A)		2011	
LS-542 (A)	Technique	2011	Employability

	(B) Genomics and	2011	Skill development /
LS-542 (B)	Proteomics	2011	Employability
	(C) Protein		Skill development /
LS-542 (C)	Engineering	2011	Employability
	(D) Medical		Skill development /
LS-542 (D)	Microbiology	2011	Employability
LS-542 (E)	(E) Vermitechnology	2011	Skill development
	(F) Hormonal Plant		
LS-542 (F)	Physiology	2011	Skill development
	(G) Plant		
LS-542 (G)	Metabolism	2011	Skill development
	(H)		
LS-542 (H)	Photobiochemistry	2011	Skill development
	Biochemistry: (A)		
	Structure and		
LS-543 (A)	Metabolism	2011	Skill development
	Microbiology: (B)		Skill development /
	Industrial		Entrepreneurship /
LS-543 (B)	Microbiology	2011	Employability
	Ecology: (C)		Skill development /
LS-543 (C)	Microbial Ecology	2011	Employability
			Skill development /
	Physiology: (D)		Entrepreneurship /
LS-543 (D)	Stress Physiology	2011	Employability
	Biochemistry: (A)		
	Metabolic		
LS-544 (A)	Regulation	2011	Skill development
			Skill development /
	Microbiology: (B)		Entrepreneurship /
LS-544 (B)	Virology	2011	Employability
	Ecology: (C)		Skill development /
	Environmental		Entrepreneurship /
LS-544(C)	Management	2011	Employability
	Physiology: (D)		
LS-544(D)	Radiation Biology	2011	Skill development
	Microbial		Skill development /
LS-535 (B)	Physiology	2017	Employability
LS-536 (B)	Microbial Genetics	2017	Skill development
MB-414	Bacteriology	2017	Skill development
	Applied and		Skill development /
	Industrial		Entrepreneurship /
MB-534	Microbiology	2017	Employability
	Fundamentals of		Skill development /
	Microbial Infection		Entrepreneurship /
MB-535	and Diseases	2017	Employability
	Mycology and		
MB-536	Phycology	2017	Skill development
			Skill development /
	Environmental		Entrepreneurship /
MB-541	Microbiology	2017	Employability
	Medical and		Skill development /
MB-542	Diagnostic	2017	Entrepreneurship /
	2100000		Endeprenedicinp /

	Microbiology		Employability
			Skill development /
	Microbial		Entrepreneurship /
MB-543	Technology	2017	Employability
	Microbial Genomics		
MB-544	and Proteomics	2017	Skill development
			Employability / Skill
M-514	Python Language	2019	Development
			Employability / Skill
M-516	Lab-I(Using Python)	2019	Development
	Lab-II(Using		Employability / Skill
M-526	MATLAB)	2016	Development
	Lab-III(Using		Employability / Skill
M-534	MATLAB)	2016	Development
34.542	Probability and	2010	
M-542	Modelling	2019	Skill development
NCC-ITSS-427	IT in Social Sector	2014	Skill development
	Community		
	Intervention &		
	Entreprenurship	2014	
EDPH-419	Development	2014	Skill development
ESDMIL 420	Disaster Prepardness	2014	Shill development
ESDMH-439	& Management Fundamental of	2014	Skill development
NCCFMSW-	Medical Social		
516	Work	2014	Skill development
510	Poverty Reduction &	2014	Skill development
	Livelihood		
MSW- 523	Promotion	2007	Skill development
	Literature (Vaisnaba	2007	
	sahtiya) Including		
	sarala and		
ORC-411	Panchasakha Yuga	1968	Employability
_	History of Odia		
	Literature from		
	mordern Radhanath		
	period to present		
ORC-412	time	1968	Employability
	Ancient & Medieval		
ORC-413	Oriya Literatrure	1968	Employability
	Mordern Odia		
	Kabya Kabita (First		
ORC-414	part)	1968	Employability
ORC-415	Oriya Drama	1968	Employability
ORC-421	Oriya Novel	1968	Employability
ORC-422	Oriya Short story	1968	Employability
	Modern Oriya		
	Poetry: Pragati to		
ORC-423	Sampratika	1968	Employability
	Oriya Prose		
ORC-424	Literature -I : Essay	1968	Employability

	Ramayarachana		
<u> </u>	Oriya Prose		
	Literature -2		
	(Travelogue,		
	Biography,		
ORC-425	Autobiography )	1968	Employability
	Eastern and Western		
ORC-511	literacy theory	1968	Employability
	Criticism and		
ORC-512	Transalation	1968	Employability
ORC-513	Oriya Journalism	1968	Employability
ORC-514	Special Paper 1	1968	Employability
	Linguistics &		
	Development of		
ORC-521	Oriya Language	1968	Employability
	Odia Bhashara		
ORC-522	Swaroopa	1968	Employability
	Computer		
ORC-523	Application	1968	Employability
ORC-524	Special Paper 2	1968	Employability
612	Literacy Criticism	1978	Employability
P 612	Literary Theory	1978	Employability
	Practical or Field		
	Study or Essay		
	Course or		
614	Transtaltion	1978	Employability
	Review of research		
	paper Published in		
	referred journal,		
c1.5	Review report,	1070	
615	Seminar	1978	Employability
	DEMOCRACY		
PSC-304	AND HUMAN RIGHTS IN INDIA	2016	Employability
PSC-304	INDIA AND THE	2010	Employability
PSC-305	WORLD	2016	Skill Development
150-505	Corporate Social	2010	Skii Development
SOC.C-412	Responsibility	2018	Employability
500.0 112	Medical Sociology	2010	
SOC.E-425(C)	-I	2019	Skill Development
566C.L 425(C)	Medical Sociology	2017	Skiii Developinent
SOC.E-515 (C)	-II	2020	Skill Development
50C.E-313 (C)	Mathematical	2020	Skin Development
MSC411	Analysis	2018	Employability
MSC412	Statitistical Method-I	1976	Employability
MSC413	Probability-I	1976	Employability
MSC414	Linear Algebra and Numrical Analysis	1976	Employability
11100414	Data Structure and	17/0	
MSC415	Programming in C	1976	Employability
1100 110	i iogramming m C	1710	Linpioyuonity

	Statitistical Method-		
MSC421	II	1976	Employability
	Statistical Inference-	1770	
MSC422	I	1976	Employability
MSC423	Sampling Methods	1976	Employability
MSC424	Applied Statistics	1976	Employability
MSC425	Probability-II	1976	Employability
	Optimization		F · · · · · · · · · · · · · · · · · ·
MSC511	Technique-I	1976	Employability
	Statistical Inference-		
MSC512	II	1976	Employability
	Discrete		
	Mathematical		
MSC513	Structure	1976	Employability
MSC514	Stochastic Modelling	1976	Employability
	STATISTICAL		
	QUALITY		
	CONTROL AND		Employability /
MSC516 (C)	RELIABILITY	1976	Entrepreneurship
100501	Time Series &	1076	Employability /
MSC521	Forecasting	1976	Entrepreneurship
Magaza	Multivariate	1076	Employability /
MSC522	Analysis	1976	Entrepreneurship
MCC522	Design and Analysis	1076	Employability /
MSC523	of Experiment	1976	Entrepreneurship
MSC526 (J)	Optimization Technique-II	1976	Employability / Entrepreneurship
MSC520 (J)	Google Cloud	1970	Entrepreneursmp
	Computing		
	Foundations(MOOC		
MOC 248	s-1)	2020	Employability
	Soft Skills and	2020	
	Personality		
	Development(MOO		
MOC 358	Cs-2)	2020	Skill development
	Python for Data		
MOC 366	Science (MOOCs-3)	2020	Employability
	Software Testing		
MOC 475	(MOOCs-4)	2020	Employability
	Financial		
	Accounting		
MC 530	(MOOCs-1)	2020	Entrepreneutship
	MOOCs-3 (Decision		
MC560	Support Systems for	2020	Entropyon courses
MC562	Managers)	2020	Entrepreneurship
	MOOCs-4(Data Science for		
MC563	Engineers)	2020	Employability
WIC505	Big Data Computing	2020	
MOC 537	(MOOCs-2)	2020	Employability
MOC 617	Cloud Computing	2020	Employability
	Cioua Compunig	2020	Linpioyaonity

	(MOOCs-1)		
MOC 632	Deep Learning (MOOCs-3)	2020	Employability
	Computer Vision		
	And Image		
EL543	Processing	2019	Employability
	Advance Electronic		
ECC245	Circuit	2019	Employability
	Software define		
CS 6E16	network	2019	Employability
CS 6E28	Stochastic Process	2019	Employability
	Time Series		
CS 6E29	Analysis	2019	Employability
MC 517	Python and R Lab	2019	Employability
MC 543	Cyber Security	2019	Employability
CS 534	Web Technology	2019	Employability
	Web Technology		
CS 535	Lab.	2019	Employability
CSE E28	Advanced Database	2019	Employability
	Digital Image		
EL525A	Processing	2019	Employability
	Electrical and		
EEE369	Hybrid Vehicle	2019	Employability
	Network Analysis		
EEE201	and Synthesis	2017	Employability
	optical	2015	
ECC471	communication	2017	Employability
FOI 176	optical	2017	
ECL176	communication lab	2017	Employability
ECE03	CAD VLSI	2017	Employability
ECEAO	Virtual	2017	
ECE08	Instrumentation	2017	Employability
ECE09	IC Technology	2017	Employability
	Speech and Audio	2017	
ECE10	Processing	2017	Employability
ECE11	Adaptive Signal	2017	Employability
ECE11	processing Antennas and	2017	Employability
ECE12	Propagation	2017	Employability
ECEI2	Telephone Switching	2017	
ECE14	Network	2017	Employability
ECE14 ECE15	Mixed Signal Design	2017	Employability
ECEIJ	Image and Video	2017	Employaomty
ECE19	processing	2017	Employability
ESD611	Digital VLSI Design	2017	Employability
ESD621	Analog VLSI Wireless Channel	2017	Employability
CSY6EL06	modelling Lab	2017	Employability
CS I ULLUU	Internet of Things	2017	
CSY6EL11	Lab	2017	Employability
	Lau	2017	Linpioyaointy

PHL118	Physics Lab	2017	Employability
	DATA		
ECC 212	Communication	2017	Employability
	Computer		
	Engineering		
CSL 218	Workshop	2017	Employability
	Programming with		
CSC 223	Java	2017	Employability
	Programming with		
CSL 227	Java Lab.	2017	Employability
	Discrete		
MAC 311	Mathematics	2017	Skill development
CSL 317	Open Source Lab.	2017	Employability
	Software	2017	Linpioydointy
CSL 325	Engineering Lab.	2017	Employability
	Personal		
HSE E05	Development	2017	Skill development
HSE E07	E-Commerce	2017	Entrepreneurship
	Human Resource		
HSE E09	Management	2017	Entrepreneurship
	Society and Social	2017	
HSE E10	issues	2017	Skill development
1102 210	Statistical Methods		
	& Computer		
OPE E03	Application-II	2017	Skill development
	Computer Oriented		1
OPE E05	Numerical Methods	2017	Skill development
	Middleware		<b>^</b>
OPE E06	Technologies	2017	Employability
OPE E08	VLSI Engineering	2017	Employability
	Remote Sensing and		
	Geographic		
OPE E13	Information Systems	2017	Employability
	Network		
CSE E24	Management	2017	Employability
CSE E03	Semantic Web	2017	Employability
CSE E04	Cloud Computing	2017	Employability
	Human Computer		
CSE E05	Interaction	2017	Employability
	Advanced Data		F
CSE E06	Structures	2017	Employability
	Object Oriented		
CSE E07	Analysis and Design	2017	Employability
	Distributed Database		
CSE E08	Systems	2017	Employability
CSE E11	Computer Graphics	2017	Employability
	High Performance		
CSE E12	Computing	2017	Employability
CSE E16	Grid Computing	2017	Employability
CSE E17	Big data analytics	2017	Employability
	Dig data analytics	2017	Linpioyaonity

	Introduction to		
CSE E19	Bioinformatics	2017	Employability
OPE E20	Internet of Things	2017	Employability
OPE E21	Management Information Systems	2017	Entrepreneurship
OPE E22	Machine Learning	2017	Employability
CSE E23	Advanced Software Engineering	2017	Employability
CSE E25	Distributed Systems	2017	Employability
CSE E26	Software Design and Validations	2017	Employability
CSE E28	Ethical Hacking	2017	Employability
CSE E29	Game Programming	2017	Employability
CSE E30	Real time Systems	2017	Employability
CS 534	Compiler Design	2017	Employability
CS 536	UML Lab.	2017	Employability
CS 54E2	Wireless Sensor Networks	2017	Employability
CS 54E5	Introduction to Big Data Analytics	2017	Employability
MC 526	Object Oriented Programming Lab.	2017	Employability
MC 553	Information Security	2017	Employability
MC 55E3	Mobile Computing	2017	Employability
CS 61E4	ADVANCED COMPUTING NETWORKING	2017	Employability
CS 61E9	Intellectual Property Rights and Cyber Laws	2017	Skill development
CS 62E3	Storage Area Networks	2017	Employability
CS 62E4	Game Theory	2017	Employability
CS 62E10	Embedded Systems	2017	Employability
CS 62E12	Semantic Web and Social Networking	2017	Employability
OPE E09	Software Project Management	2017	Employability

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CHIEF COORDINATOR: CONVENOR, NAAC COMMITTEE SAMBALPUR UNIVERSITY

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