

ANNUAL REPORT

2020-21



MAHARAJA SRIRAM CHANDRA BHANJA DEO UNIVERSITY
SRIRAM CHANDRA VIHAR
TAKATPUR, BARIPADA-757003
MAYURBHANJ, ODISHA



Maharaja Sriram Chandra Bhanja Deo University

Editorial Board	<u>UNIVERSITY INSIGNIA</u>
1. Prof. Susmita Kar 2. Prof. P.K. Satapathy 3. Dr. P. Mallick 4. Dr. A. K. Jena 5. Dr. G. Mohanty 6. Mr P. Boral Published by Mr. S. Samdhia, Registrar MSCB University, Baripada	1. The ship in the logo represents maritime culture of Orissa. This also represents Orissa's past glory in trade and commerce. 2. The inkpot with pen symbolizes education in the ancient period which needs to be developed in recent times to cater to the modern needs. 3. The tribal couple with fire wood on their heads represents the tribal life and culture in Mayurbhanj and Keonjhar districts. 4. The pulley used in extracting minerals from the mines and the vehicle used for transportation of those minerals to the industries symbolize rich potential of minerals in Mayurbhanj and Keonjhar districts, which are the basic ingredients in setting up of industries in these districts.



Maharaja Sriram Chandra Bhanja Deo University

Chancellor

His Excellency Prof. Ganeshi Lal
Hon'ble Governor of Odisha

Vice-Chancellor

Prof. Kishor Kumar Basa

Registrar

Sri Sahadev Samadhia (S)

Chairman, PG Council

Prof. Anil Kumar Biswal

Controller of Examinations

Dr Laxidhar Giri, OES-I

Comptroller of Finance

Sri Sukdev Tarei, OFS

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MAHARAJA SRIRAM CHANDRA BHANJADEO UNIVERSITY (Erstwhile North Orissa University)

Maharaja Sriram Chandra Bhanjadeo University (MSCBU) (Erstwhile North Orissa University) was established on 13th July, 1998 vide Govt. of Orissa notification No. 32930/HE dated 13th July, 1998. It is included in the UGC list of Indian Universities under 2 (f) and 12(B) with effect from 15.2.2000 and 21.6.2006, respectively. The University is accredited by NAAC with B+ for the period 2017-2022. There are 102 Colleges affiliated to this University, out of which 64 Colleges are from Mayurbhanj District and 38 are from Keonjhar District. Both the districts are thickly populated with the tribal people. Approximately 63% inhabitants of these districts belong to Scheduled Tribes. The University plays a pivotal role for fulfilling the needs of higher education among the primitive inhabitants of these districts. Our University is governed by the Odisha Universities (Amendment) Act, 2020 vide gazette notification No.10693-I-Legis-39/2020/L dated 09.11.2020. As per this amendment the Senate has been abolished and Syndicate and Academic Council of the University has been reconstituted. Further taking into account the contribution of Late Maharaja Sriram Chandra Bhanjadeo (1891-1912) the name of North Orissa University has been changed as Maharaja Sriram Chandra Bhanjadeo University with effect from 23.12.2020 vide Higher Education Department Govt. of Odisha Notification No.HE-UNE-UNI-0010-2020/42836/HE dated 23.12.2020 and Odisha Gazette Notification No.SRO No.278/2020 dated 23.12.2020.

The campus of the University is located at the outskirts of Baripada town, which is 250 km away from Kolkata, 260 Km from the state capital Bhubaneswar and 62 km from Balasore Railway Station and about 5km from Baripada Railway Station. The site is also well connected with all other places of Mayurbhanj and Keonjhar.

The 2nd Campus of North Orissa University is situated at Suleikhamar, Keonjhar. The academic programme has been started in the 2nd Campus from the academic session 2017-18.

The Hon'ble Governor of Orissa, His Excellency Prof. Ganeshi Lal, is the Chancellor and Prof. Kishore Kumar Basa is the Vice-Chancellor of the University.

VISION AND MISSION OF THE UNIVERSITY

Vision

- To emerge as a Unique Centre of Learning where a global perspective informs, guides and grounds the thought and action at a local level.
- To be a leader amongst HEIs in creation and dissemination of knowledge by synergising excellence with equity, education with experience, research with innovation and livelihood with dignity amongst the young students of the University.
- To groom the students to be intellectually responsive, socially responsible, ethically sensitive and professionally competent in becoming a good citizen

Mission

- Using education as a catalyst for promotion of self-esteem and as an instrument of change for all its students with special attention to those from areas under the jurisdiction of the University namely, Mayurbhanj and Keonjhar districts.
- Providing our students a safe and functional space conducive to learning, working and conducting research by virtue of professionalism, excellence, teamwork and environmental stewardship in consonance with national needs and global standards
- Providing a clean, efficient, sensitive and transparent system of administration and governance for all its stake holders.
- Enabling the University to exemplify the highest ideals of social equity, gender justice and compassion for the weak and disadvantaged.
- Fostering functional and outcome based academic linkages with national /and global organizations (including industry) for advancing stakeholder engagement, social development through research, innovation, consultancy and outreach.
- Nurturing an ecosystem for holistic education where natural science, technology, social sciences, liberal arts and human values blend in a harmonious manner in facilitating nation building and a sustainable planet.

OBJECTIVES OF THE UNIVERSITY

The primary role of the University is to achieve following objectives.

- To impart quality education at U.G., P.G., M. Phil. and Ph. D. levels.
- To undertake scientific investigation and philosophical research activities in every sphere of its educational activities.
- To serve as a centre for promoting collaborative research works and intellectual exchange programmes among researchers and institutions in India and abroad.
- To create a universal outlook towards education based on ideals and values of everlasting ethos and inspirations.

MEMBERS OF SYNDICATE

[As per section 10 (a) of sub-section (1) of the Odisha University (Amendment) Act, 2020]

Sl.	Name and address
1.	Prof. Kishor Kumar Basa Vice-Chancellor, MSCB University, Baripada
2.	Sri Prasanta Kumar Rath, OAS (SAG), Special Secretary to Government, Higher Education Department, Govt. of Odisha
3.	Prof. Anil Kumar Biswal Chairman, PG Council, MSCB University
4.	Dr. A. K. Patra, Director, Student's Welfare, MSCB University
5.	Prof. H. N. Thatoi Director Human Resources Development Centre, MSCB University
6	Dr. Hemanta Kumar Gharai Regional Director of Education of Higher education Department, Balasore (I/C)
7	Prof. Himabindu Maringanti Professor of Computer Application, MSCB University
8	Prof. Hemanta Kumar Sahu Professor of Zoology, MSCB University
9	Prof. Susmita Kar Professor of Physics, MSCB University
10	Dr. Krishna Chandra Nayak Satsingha (behind Zuari Furniture shop), D.D College Road, Keonjhar
11	Mrs. Sashiprava Bindhani, 102 B, Shnehalata Apartments, Vivekananda Marg, Bhubaneswar-751002
12	Dr. B. Mishra (Research) Amruti Bihar, Near Indian Public School, Lail Road, Keonjhar-758001
13	Prof. Kumarbar Das Former Vice Chancellor, F. M. University, Balasore Address: Saptasati Vihar, Rasulgarh, Bhubaneswar-751010
14	Dr. Basanta Manjari Swain Professor in Raghunath Murmu Medical College, Baripada
15	Dr. Damayanti Beshra Associate Professor in Odia, MPC (Auto) College, Baripada
16	Shri Jnanendra Kumar Sethi Deputy Registrar, MSCB University

MEMBERS OF ACADEMIC COUNCIL

[As per Section 11(a) of sub-section (1) of the Odisha University (Amendment) Act, 2020]

Sl. No	Member
Ex-Officio Members	
1	The Vice Chancellor, MSCB University
2	The Regional Director of the Higher Education Department, Balasore
3	The Director of the Medical Education and Training, Bhubaneswar
4	The Chairman, Post Graduate Council, MSCB University
Other Members	
5	All the Heads of Departments of the Post Graduate Subjects of MSCB University
6	Dr. (Smt) Jharana Behera, Associate Professor, P.G. Dept. of Political Science, MPC (Auto) College, Baripada
7	Dr. Pradeep Kumar Upadhyaya, Associate Professor, P.G. Dept. of Commerce, MPC (Auto) College, Baripada
8	Dr. (Smt) Damayanti Beshra, Associate Professor, P.G. Dept. of Odia, MPC (Auto) College, Baripada
9	Sri Narendra Kumar Sahoo, Associate Professor, P.G. Dept. of Geology, D.D. (Auto) College, Keonjhar

LIST OF AFFILIATED COLLEGES

MAYURBHANJ DISTRICT

Sl. No.	CODE	NAME & ADDRESS	Status
1.	01M	M.P.C. (Auto) College, Baripada	2(f) & 12(B)
2.	03M	Rairangpur College, Rairangpur	2(f) & 12(B)

3.	04M	KaranjiaCollege, Karanjia	2(f) & 12(B)
4.	05M	UdalaCollege, Udala,	2(f) & 12(B)
5.	06M	Govt. Women's College, Baripada	2(f) & 12(B)
6.	07M	U. N. College, Nalagaja	2(f) & 12(B)
7.	08M	Seemanta Mahavidyalaya, Jharpokharia	2(f) & 12(B)
8.	09M	JashipurCollege, Jashipur	2(f) & 12(B)
9.	10M	BetnotiCollege, Betnoti	2(f) & 12(B)
10.	11M	BarasahiPanchayatSamitiCollege, Barasahi	2(f) & 12(B)
11.	12M	ChitradaCollege, Chitrada	2(f) & 12(B)
12.	13M	Anchalika Mahavidyalaya, Gadia	2(f) & 12(B)
13.	14M	SahidMemorialDegreeCollege, Manida	2(f) & 12(B)
14.	15M	Mahila Mahavidyalaya, Rairangpur	2(f) & 12(B)
15.	16M	B.B.College, Baiganbadia	2(f) & 12(B)
16.	17M	A.P.College, Raruan	
17.	18M	DhirajLalDegreeCollege, Bahalda	2(f) & 12(B)
18.	19M	MeghasanCollege, Nudadiha	2(f) & 12(B)
19.	20M	S.S. Mahavidyalaya, Kuamara	2(f) & 12(B)
20.	21M	U. B. S. Mahavidyalaya, Chaksuliapada	
21.	22M	KaptipadaCollege, Kaptipada	2(f) & 12(B)
22.	23M	LaxmikantaCollege, Bangiriposi	2(f) & 12(B)
23.	24M	Sri Maa Mahila Mahavidyalaya, Baripada	2(f) & 12(B)
24.	25M	I. G. Mahila Mahavidyalaya, Udala	2(f) & 12(B)
25.	26M	Anchalika Mahavidyalaya, Puruna Baripada	2(f) & 12(B)
26.	27M	SukruliDegreeCollege, Sukruli	2(f) & 12(B)
27.	28M	P.S.DegreeCollege, Suliapada	2(f) & 12(B)
28.	29M	Maa Basuli Mahavidyalaya, Thakurmunda	2(f) & 12(B)
29.	30M	Luipa Mahavidyalaya, Radho	2(f) & 12(B)
30.	31M	Mahatma Gandhi Mahavidyalaya, Baisinga	2(f)
31.	32M	Khunta Mahavidyalaya, Khunta	2(f) & 12(B)
32.	34M	Raghunath Mahavidyalaya, Kadadiha	
33.	37M	S. C. B. +3 Degree College, Ragdha	2(f) & 12(B)
34.	38M	Badampahad DegreeCollege, Badampahad	2(f) & 12(B)
35.	40M	Kalinga College, Manada	2(f) & 12(B)
36.	41M	Bana Bhumi Mahavidyalaya. Rangamatia	
37.	42M	Panchanir +3 Women's College. Karanjia	2(f) & 12(B)
38.	43M	Jamda Anchalika Mahavidyalaya, Jamda	2(f) & 12(B)
39.	44M	DegreeGorumohisaniIronCollege, Gorumohisani	2(f)
40.	45M	R. D. S. Mahavidyalaya. Kundabai	2(f) & 12(B)
41.	46M	BaripadaCollege, Baripada	2(f) & 12(B)
42.	47M	Kaptipada College, Nuasahi	2(f) & 12(B)
43.	49M	CP Degree College, Bhanjkia	
44.	50M	RK Degree College, Jamda, Bijatala	
45.	51M	Mayurbhanj College of Accountancy and Management, Baripada	2(f) & 12(B)
46.	52M	Biju Patnaik Degree College, Singada	
47.	53M	Sai Sadhana College of Basic Science, Divyasingpur, Udala	

48.	54M	Briliance +3 Sc. College, Kailashchandrapur	
49.	55M	Prince (Degree) College of Science, Ramnagar,	
50.	56M	Sai Degree College, Baripada	
51.	57M	Sri Sai Sidhi +3 Sc. Residential College, Baripada	
52.	58M	Technoworld Degree College, Rairangpur	
53.	59M	Bishnu Residential College, Karanjia	
54.		Mayurbhanj College of Nursing, Prafulla Nagar,	
55.		Mayurbhanj College of Nursing, Indapahi, Baripada	
56.		Mayurbhanj Prem Kumari College of Nursing,	
57.		Mayurbhanj Law College, Baripada	
58.		Mayurbhanj Ayurveda Mahavidyalaya, Baripada	
59.		Mayurbhanj Homoeopathic Medical College and	
60.		U.G.C.T.E., Baripada	
61.		Pandit Raghunath Murmu Medical College & Hospital, Baripada	
62.		Biju Patnaik B.Sc Nursing College, Debendrapur	
63.		Gayatri B.Sc Nursing College, P.C. Pur, Baripada	
64.	60M	C. P. Degree Womens College, Sunaposi, Bisoi	
65.		Institute of Professional Studies, Baripada	

KEONJHAR DISTRICT

Sl. No.	CODE NO.	NAME & ADDRESS	Status
1.	01K	Dharanidhar (Auto) College, Keonjhar	2(f) & 12(B)
2.	02K	Anandapur College, Anandapur	2(f) & 12(B)
3.	03K	C.S.College, Champua	2(f) & 12(B)
4.	04K	T.T. Mahavidyalaya, Ghatgaon	2(f) & 12(B)
5.	05K	Govt. Women's College, Keonjhar	2(f) & 12(B)
6.	06K	Barbil College, Barbil	2(f) & 12(B)
7.	07K	K. M. Women's College, Anandapur	2(f) & 12(B)
8.	08K	Rimuli College, Rimuli	2(f) & 12(B)
9.	09K	Kusaleswar Anchalika Mahavidyalaya, Rekutia,	2(f) & 12(B)
10.	10K	Anchalika ahavidyalaya, Hatadihi	
11.	11K	Anchalika Mahavidyalaya, Swampatna	
12.	12K	B.B. Mahavidyalaya, Harichandanpur	2(f) & 12(B)
13.	13K	Charigarh Mahavidyalaya, Telkoi	2(f) & 12(B)
14.	14K	P.S. College, Jhumpura	2(f) & 12(B)
15.	15K	Joda Women's College, Joda	2(f) & 12(B)
16.	16K	B.T. Women's College, Chhenapadi	2(f) & 12(B)
17.	17K	Baula +3 Degree College, Soso	
18.	18K	Mahapat Mahavidyalaya, Janghira	
19.	19K	Anchalika Mahavidyalaya, Padampur	2(f)
20.	20K	Jagannath Mahavidyalaya, Batto, Nayagarh	2(f) & 12(B)

21.	21K	Patitapaban Mahavidyalaya, Sainkul	2(f) & 12(B)
22.	22K	Regional Degree College, Udaypur	2(f) & 12(B)
23.	23K	Dadhibaman College, Turumunga	
24.	27K	Salabani G.P.College, Salabani	
25.	28K	Laxmi Narayan Degree College, Pipilia	2(f) & 12(B)
26.	29K	Santosi Maa Regional College, Jharbelda	2(f) & 12(B)
27.	30K	Patteswar Degree Mahavidyalaya, Suakati	
28.	31K	Raisuan Degree Mahavidyalaya, Raisuan	
29.	32K	Bruhaspati Degree College, Joda,Keonjhar	
30.	33K	Gayatri +3 Sc. College, Keonjhar	
31.	34K	Gonasika +3 Sc. College, Keonjhar	
32.	35K	Kairali College of +3 Science., Champua	
33.	36K	Keonjhar Degree Commerce College, Keonjhar	
34.	37K	Paramananda Degree College, Machinda, Salabani	
35.	38K	Viswa Vinayak Residential College, Khiraitangiri,	
36.		A.A. Training College, Fakirpr	
37.		Pravas Manjari Law College, Keonjhar	
38.		School of Rehabilitation and Social Sciences, Dhenkikote	

OFFICERS OF THE UNIVERSITY

Sl. No.	Name of the officers	Designation
1.	Prof. Pradeep Kumar Chand	Vice-Chancellor
3.	Sri Sahadev Samadhia	Registrar
4.	Dr Laxidhar Giri OES-I	Controller of Examinations
5.	Sri Sukdev Tarei, OFS (JB)	Comptroller of Finance

SUCCESSION LIST OF OFFICERS

1. Vice-Chancellors

1.	Maj. K.P. Mohanty	12.07.1999	To	11.07.2000 AN
2.	Sri D.K. Singh (I/c)	11.07.2000 AN	To	14.09.2000 FN
3.	Dr. P.K. Mishra	14.09.2000 FN	To	18.01.2002 AN
4.	Prof. K.S. Behera (I/c)	18.01.2002 AN	To	19.02.2002 FN
5.	Prof. B.N. Puan	19.02.2002 FN	To	18.02.2005 FN
6.	Prof. S.K. Dutta (I/c)	18.02.2005 FN	To	03.03.2005 AN
7.	Prof. S. Nanda	03.03.2005 AN	To	03.03.2008 AN
8.	Prof. S.P. Rath	03.03.2008 AN	To	03.05.2011 AN
9.	Prof. (Mrs.) S. Mohanty	04.05.2011 FN	To	03.05.2015 AN
10.	Prof. Prafulla Kumar Mishra	13.06.2014 FN	To	12.06.2017 AN

11.	Dr. Akhil Bihari Ota (I/C)	12.06.2017 AN	To	31.08.2017 AN
12	Prof. Pradeep Kumar Chand	01.09.2017 AN	To	27.11. 2020 AN
13	Prof. Kishor Kumar Basa	27.11.2020 AN	To	Continuing

2. Chairman, P.G. Council

1.	Prof. S. K. Dutta	28.08.2004	To	05.06.2005
2.	Prof. U.B. Mohapatra	06.06.2005	To	31.05.2006
3.	Prof. (Mrs.) Mamata Swain	01.06.2006	To	19.02.2007
4.	Prof. B. Sahu	20.02.2007	To	31.05.2008
5.	Prof. N.N. Das	01.06.2008	To	31.05.2009
6.	Prof. J. Lenka	01.06.2009	To	31.05.2010
7.	Prof. U.B. Mohapatra	01.06.2010	To	31.05.2011
8.	Prof. S.K. Dutta	01.06.2011	To	31.05.2012
9.	Prof. B. Sahu	01.06.2012	To	31.05.2012
10.	Prof. N.N. Das	01.06.2013	To	08.07.2014
11.	Prof. J. Lenka	08.07.2014	To	03.06.2015
12.	Prof. Himabindu Maringanti	03.06.2015	To	31.05.2017
13.	Prof. N. Mohanty	01.06.2017 FN	To	31.03.2018 AN
14.	Prof. H. N Thatoi	31.03.2018 AN	To	31.05.2018 AN
15.	Prof. Susmita Kar	31.05.2018 AN	To	31.05.2020 AN
16	Prof. Anil Kumar Biswal	31.05.2020 AN	To	Continuing

3. Registrar

1.	Dr. Kamalakanta Sen	19.07.1999 FN	To	30.06.2000 AN
2.	Sri Ashutosh Sahu (I/c)	30.06.2000 AN	To	02.10.2000 FN
3.	Dr. Debaprasad Nanda	02.10.2000 FN	To	16.12.2000 AN
4.	Sri Ashutosh Sahu (I/c)	16.12.2000 A N	To	16.03.2001 FN
5.	Dr. Haraprasad Panda	16.03.2001 FN	To	09.02.2006 FN
6.	Dr. Natabar Panigrahi	09.02.2006 FN	To	31.07.2009 AN
7.	Dr. Upendranath Sahu	31.07.2009 AN	To	22.05.2010 AN
8.	Dr. Laxmidhar Nayak(I/c)	22.05.2010 AN	To	07.03.2011 FN
9.	Mr. Madhusudan Sahoo	07.03.2011 FN	To	04.12.2014AN
10	Dr. Laxminarayan Dash(I/c)	04.12.2014AN	To	27.07.2015 AN
11.	Dr. Pramoda Ku. Satapathy (I/c)	27.07.2015 AN	To	06.05.2016 FN
12.	Sri Sadananda Nayak, OAS(S)	06.05.2016 FN	To	31.07.2018 AN
13.	Sri Mayadhar Sahoo, OFS (S)	03.08.2018 FN	To	19.09.2018 FN
14.	Sri Asit Kumar Panda, OAS (S)	19.09.2018 FN	To	20.02.2019 AN
15.	Prof. Pramoda K Satapathy	20.02.2019 AN	To	14.10.2020 FN

16	Sri Sahadev Samadhia	14.10.2020 FN	To	Continuing
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4. Comptroller of Finance

1.	Dr. Haraprasad Panda (I/c)	17.05.2005 FN	To	17.09.2005 FN
2.	Dr. Jagannath Lenka (I/c)	17.09.2005 FN	To	09.03.2006 FN
3.	Sri Champei Baske, OFS-1	09.03.2006 FN	To	05.12.2008 AN
4.	Sri Surendranath Singh, OFS-1	05.12.2008 AN	To	08.01.2010 AN
5.	Dr. Upendranath Sahu(I/c)	08.01.2010 AN	To	01.02.2010 AN
6.	Dr. Lakshminarayan Dash (I/c)	01.02.2010 AN	To	08.11.2010 AN
7.	Sri Surendranath Soren, OFS(JB)	08.11.2010 AN	To	11.08.2014 FN
8.	Sri Sisir Kumar Das, OFS (JB)	11.08.2014 FN	To	30.05.2018 AN
9.	Sri Mayadhar Sahoo, OFS (S)	30.05.2018 AN	To	19.10.2020 AN
10	Sri Sukadev Tarei, OFS (JB)	19.10.2020 AN	To	Continuing

5. Controller of Examinations

1.	Sri Ashutosh Sahu	26.07.1999 FN	To	20.06.2002 AN
2.	Sri Atal Bihari Nayak	20.06.2002 AN	To	20.06.2003 FN
3.	Dr. Haraprasad Panda (I/c)	20.06.2003 FN	To	11.12.2003 FN
4.	Dr. Parsuram Biswal	11.12.2003 FN	To	25.06.2007 AN
5.	Dr. Satyanarayan Satpathy	25.06.2007 AN	To	06.08.2009 AN
6.	Dr. Laxmidhar Nayak	06.08.2009 AN	To	01.10.2012AN
7.	Dr. Rabindra Kumar Sahu	01.10.2012 AN	To	13.09.2013 AN
8.	Dr. Bhajahari Nayak	13.09.2013 AN	To	01.08.2015 AN
9.	Dr. Susmita Kar (I/c)	01.08.2015 AN	To	09.9.2016 FN
10.	Dr. Pramoda K Satapathy(I/c)	09.9.2016 FN	To	11.10.2017 FN
11.	Sri Nirmal Ch. Panda, OES-1	11.10.2017 FN	To	31.03.2019 AN
12	Dr. J. K. mantra	01.04.2019 FN	To	01.08.2019 FN
13.	Dr. Laxmidhar Giri, OES-1	01.08.2019 FN	To	Continuing

6. Warden

1.	Prof. U. B. Mohapatra	19.08.2004	To	31.05.2005
2.	Prof. Mamata Swain	01.06.2005	To	31.05.2006
3.	Prof. B. Sahu	01.06.2006	To	24.04.2007
4.	Prof. N. N. Dash	25.04.2007	To	31.05.2008
5.	Prof. J. Lenka	01.06.2008	To	31.05.2010
6.	Prof. S.K. Dutta	01.06.2010	To	20.07.2011

7.	Prof. B. Sahu	21.07.2011	To	11.06.2012
8.	Prof. N. N. Das	12.06.2012	To	03.06.2013
9.	Prof. J. Lenka	04.06.2013	To	02.08.2015
10.	Prof. Himabindu Maringanti	03.08.2015	To	14.07.2017
11.	Prof. N. Mohanty	15.07.2017	To	31.05.2018
12.	Prof. P.K. Satapathy	01.06.2018	To	31.05.2020
13.	Prof. H. K. Sahu	01.06.2020	To	Continuing

TEACHING STAFF OF REGULAR DEPARTMENTS

Sl. No.	Name of the Department	Name of the faculty	Designation
1.	BIOTECHNOLOGY	Prof. H.N. Thatoi	Professor & HOD
		Dr. Biswajit Rath	Reader
		Dr. Sukanta Kumar Nayak	Reader
		Dr. Santosh Kumar Sahu	Asst. Professor
		Dr. Gunanidhi Dhangdamajhi	Asst. Professor
2.	BOTANY	Prof. Umaballava Mohapatra	Professor (superannuated on 30.09.2020)
		Dr. Anil Kumar Biswal	Professor & HOD
		Dr. Kamal Lochan Barik	Asst. Professor
		Dr. Bishnupriya Hansdah	Asst. Professor
		Dr. Sudam Charan Sahoo	Asst. Professor
3	CHEMISTRY	Prof. Pramod Kumar Satapathy	Professor
		Dr. Rajesh Kumar Singh	Reader & HOD
		Dr. Lingaraj Behera	Asst. Professor
		Dr. Amar Kumar Dora	Asst. Professor
		Dr. Ashis Kumar Jena	Asst. Professor
4.	COMPUTER APPLICATIONS	Prof. Himabindu Maringanti	Professor
		Dr. Jibendu Kumar Mantri	Reader & HOD
		Dr. Sujata Dash	Reader
		Dr. Prasanta Kumar Swain	Asst. Professor
		Mr. Swarupananda Bissoyi	Asst. Professor
5.	ECONOMICS	Dr. Aditya Kumar Patra	Reader & HOD
		Dr. (Mrs.) Minati Mallick	Asst. Professor
		Dr. (Mrs.) Kabita Kumari Sahu	Asst. Professor
		Dr. Pratap Kumar Jena	Asst. Professor

6.	PHYSICS	Prof. Susmita Kar	Professor
		Dr. Priyadarshini S. Sahoo	Reader & HOD
		Dr. Indrajit Naik	Asst. Professor
		Dr. Pravanjan Mallick	Asst. Professor
		Dr. Jyoti Ranjan Sahu	Asst. Professor
7.	ZOOLOGY	Dr. Hemanta Kumar Sahu	Professor & HOD
		Dr. (Mrs.) Puspanjali Parida	Reader
		Dr. Priyaranjan Debata	Asst. Professor
		Dr. (Mrs.) Cuckoo Mohapatra	Asst. Professor
		Dr. (Mrs.) Gargee Mohanty	Asst. Professor
8.	SANSKRIT	Dr. Hiralal Dash	Asso. Professor
		Dr. (Mrs.) Nibedita Pati	Asst. Professor
9.	ENGLISH	Mr. Shaswat Panda	Asst. Professor
10.	SANTALI	Dr. Jatindra Nath Besra	Asst. Professor
11	ODIA	Dr. Babrubahan Mahapatra	Asso. Professor
		Dr. Sisira Behera	Asst. Professor

TEACHING STAFF OF SELF FINANCING COURSES

Sl. No.	Name of the Department	Name of the faculty	Designation
1	Anthropology & Tribal Studies	Dr. Madhusmita Sahoo	Asst. Prof.
2	Business Administration	Dr. Sitaram Das	Asst. Prof.
		Dr. Kalpana Panigrahi	Asst. Prof.
		Dr. Smruti Ranjan Das	Asst. Prof.
3	Master in Library and Information Science	Dr. Nabin Kumar Sahu	Asst. Prof.
		Ms Sasmita Nayak	Asst. Prof.
4	Master in Social Work	Mr. Suvendu K Satpathy	Asst. Prof.
		Dr. P. Dillip Mishra	Asst. Prof.
5	Mathematics	Dr. Sanjukta Mohanty	Asst. Prof.
		Ms Smrutilekha Das	Asst. Prof.
		Mr. Lambodar Mohanty	Asst. Prof.
6	Remote Sensing & GIS	Dr. Debabrata Nandi	Asst. Prof.
		Mrs. Kalyani Das	Asst. Prof.
7	Wild Life & Biodiversity Conservation	Dr. Sruthidhara Rout	Reader
		Dr. Rabindra Ku Mishra	Reader
8	Odia	Dr. Bichitranath Sahoo	Asst. Prof.
		Ms Ranjita Patra	Asst. Prof.
10	English	Dr. Shakti Sankar Dandapat	Asst. Prof.
11	School of Education	Dr. Samir Ku Lenka	Principal

	(Integrated B.Ed M.Ed/ Education)	Dr. Ramesh Parua	Asst. Prof.
12	Hindi	Ms Sasmita Pani	Asst. Prof.
		Mr. Biswajit Pradhan	Asst. Prof.
13	Yoga & Naturopathy	Mrs. Poonam Gupta	Asst. Prof
14	M.Sc. Computer Science	Dr. Partha Sarathi Mishra	Asst. Prof
		Dr. Santi Swarup Basa	Asst. Prof
		Dr. Meenakhi Sahu	Asst. Prof
15	Sanskrit	Dr. Bholanath Dash	Asst. Prof.
		Ms. Gyanadipti Bala	Asst. Prof.
16	Material Science (KJR)	Dr. Muktikanta Panigrahi	Asst. Prof.
		Dr. Gopal Hansda	Asst. Prof.
17	Geology (KJR)	Dr. Prayan P. Mohapatra	Asst. Prof.
18	English (KJR)	Mr. Padmalochan Sahu	Asst. Prof.

NON-TEACHING STAFF OF THE UNIVERSITY

Sl. No.	Name of the staff	Designation	Name of the section/Work Assigned
1	Sri Jnanendra Kumar Sethi	Deputy Registrar	
2	Sri Ramakanta Mohanta	Deputy Controller	VC's Secretariate
3	Sri Nalini Ranjan Das	PA	Registrar Office
4	Sri Upendra Tudu	PA	Controller Office
5	Sri Debendra Ku. Pati	SO	Account section
6	Sri Subash Chandra Gagrai	SO	MSCBU Extension Campus, Keonjhar
7	Sri Hiranya Ku. Mahanta	SO	Store
8	Sri Sanjib Kumar Tanti	SO	Examination Section
9	Sri Dipak Ku. Panigrahi	SO	DDCE, Sports Council, RTI, NAAC, IQAC
10	Sujata Chakra	Asst. Librarian	Library
11	Sri Pradeep Baral	Sr. Steno	Examination Section
12	Sri Ujit Kumar Das	Jr. Steno	PG Council Office, Sport Council
13	Sri Rama Chandra Baske	Jr. Steno	Attached to COF/ Accounts-1
14	Sri Satyanarayan Mohanty	Sr. Asst.	Examination Section
15	Sri Joygobinda Pani	Sr. Asst.	Examination Section
16	Sri Tapan Kumar Patra	Sr. Asst.	Establishment Section
17	Smt. Sunita Tudu	Sr. Asst.	Establishment Section
18	Smt. Sasmita Patra	Sr. Asst.	DDCE
19	Ms Abhilasa Ram	Sr. Asst.	SFC Office
20	Sri Ajay Kumar Bal	Sr. Asst.	Accounts-I

21	Ms Mousumi Ghosh	Sr. Asst.	Accounts-I
22	Pradip Kumar Dwibedi	Sr. Asst.	Library
23	Sri Harish Chandra Pati	Jr. Asst	Examination Section
24	Sri Bhabani Sh. Mohanta	Lab. Tech.	Dept. of Chemistry
25	Sri Srikrushna Mohanta	Lab. Tech.	Dept. of Physics
26	Ms Jyoti Pragyan Majhi	Lab. Tech.	Dept. of Zoology
27	Ms Nilima Tripathy	Compounding Asst.	Dept. of Chemistry
28	Smt. Bhagabati Panda	Matron	Ladies Hostels
29	Sri Pradipta Ranjan Dash	PET	PG Athletic
30	Sri Manas Kumar Acharya	Typist	Development/ Repair & Maintenance
31	Sri Purna Chandra Behera	Driver	V.C. Secretariat
32	Sri Sadananda Behera	Peon	Examination Section
33	Sri Jnana Ranjan Parichha	Peon	Office of the P.G.C.
34	Sri Shibaprasad Mohanta	Diarist	Issue Despatch section
35	Sri Upendra Samal	Peon	Accounts
36	Sri Kishore Chandra Mukhi	Watchman	Office of the Registrar
37	Smt. Kabita Panda	Peon	Library
38	Smt. Arati Jena	Peon	SFC Office
39	Ms Susama Bag	Peon	Library
40	Sri Pitambar Nayak	Peon	VC's Residence
41	Smt. Kalparekha Sing	Peon	Examination Section
42	Sri Ranjit Sing	Peon	Accounts-1
43	Rajani Majhi	Peon	Establishment
44	Sri Rama Chandra Mukhi	Watchman-cum-Sweeper	Administrative Block (1 st Floor)
45	Sri Pradip Kumar Behera	Watchman-cum-Sweeper	Guest House
46	Sri Himansu Shekhar Mohanta	Watchman-cum-Sweeper	V.C.'s Secretariat
47	Sri Ruhya Marndi	Peon	Dept. of Botany

REGISTRAR'S REPORT

The Maharaja Sriram Chandra Bhanjadeo University (MSCBU) (Erstwhile North Orissa University) was established on 13th July, 1998 and started functioning at Bhubaneswar temporarily. Later on from the year 1999 it was started functioning at Baripada. Every year on 13th of July we observed the University Foundation Day and in 2021 we are going to observe our 24th Foundation Day. On this occasion I am going to present a brief report on overall activities of the University for the session 2020-21.

Our University is governed by the Odisha Universities (Amendment) Act, 2020 vide gazette notification No.10693-I-Legis-39/2020/L dated 09.11.2020. As per this amendment the Senate has been abolished and Syndicate and Academic Council of the University has been reconstituted. Further taking into account the contribution of Late Maharaja Sriram Chandra Bhanjadeso the name of North Orissa University has been changed as Maharaja Sriram Chandra Bhanjadeso University with effect from 23.12.2020 vide Higher Education Department Govt. of Odisha Notification No.HE-UNE-UNI-0010-2020/42836/HE dated 23.12.2020 and Odisha Gazette Notification No.SRO No.278/2020 dated 23.12.2020.

The main campus of the University is functioning at Takatpur Baripada of Mayurbhanja district, having a total land area of 98 acres and 84 decimals and the second campus is working at Suleikhamar of Keonjhar district with a land area of 21 acres and 6 decimals. There are 102 Degree Colleges including three Autonomous Colleges, one Medical College, one Homeopathy Medical College, one Ayurvedic Medical College, two B. Ed Colleges, one special B. Ed College and 5 Nursing Colleges affiliated to this University.

At present there are 8 numbers of regular P.G. Departments, 15 Self-Financing Departments running in Baripada Campus and 5 regular P.G. Departments functioning in Keonjhar Campus. In this academic session of 2020-21, a total number of 797 candidates enrolled into P.G. courses while 47 students enrolled into M. Phil curriculum and 122 applicants admitted in Pre-Ph. D coursework programmes.

During the financial year 2020-21 Department of Higher Education Government of Odisha has given a financial grant of Rupees 21 crores and 13 lakhs towards salary and non salary head, 6 crores 37 lakhs towards infrastructural development grant for the completion of 200 seated boy's hostel, 3 numbers of C type quarters and 6 numbers of D type quarters in the main campus at Baripada. Apart from this the State Govt has also sanctioned Rupees 2 crores and 10 lakhs from World Bank under IDP scheme. The fund received under IDP will be utilized for the overall development of affiliated colleges and P.G. Departments of the University. Further during 2020-21 our University has received rupees 46 lakhs and 42 thousands from different funding agencies towards research projects. The construction of administrative building and 200 seated boy's hostel of 2nd campus has already been completed and construction work of academic building from 2nd floor to 5th floor is going on rapidly. Further it is decided to construct Bank and Post Office, CC road to boy's hostel and gate of HRD Centre etc. at Baripada Campus utilising our own resource.

To strengthen our research activities our University has signed MoU with Zoological Survey of India on 20.04.2021. During this academic year number of seminars has been organised. An International on line Lecture series on, Recent trends in Artificial Intelligence and Machine Learning was organised by Department of Computer Application on 16th July 2020. An International Webinar on, Biodiversity Conservations: Challenges Ahead was organised by P.G. Department of Botany on 28th September 2020. An International Webinar on Biotechnological Innovations in 21st Century was organised by Department of Biotechnology during 19-20th March 2021. Teachers training programme on Advances in Molecular Biology was organised by

P.G. Department of Zoology during 1st March to 6th March 2021 to train the faculties of Zoology of affiliated colleges of Maharaja Sriram Chandra Bhanjadeso University. UGC sponsored Workshop on Understanding the NAAC Accreditation Process and Securing Good Grades (Paramarsha) was organised by IQAC cell of our University on 12th February 2021. Principals of 64 affiliated colleges of Mayurbhanja and Keonjhar District were attended the Workshop.

Under the leadership of our Hon'ble Vice Chancellor Prof. Kishor Kumar Basa an interaction session of our faculty members with Bhaba Atomic Research Centre (BARC) and Board of Research in Nuclear Science (BRNS) has been organized on 18.04.2021. That meeting was attended by the Chairman of Atomic Energy Commission late Dr. Srikumar Banarjee, Director BARC Dr. Ajit Kumar Mohanty and Vice Chairman of Odisha state higher education council Prof. Ashok Kumar Das. As a result of this interaction the University is now going to submit research proposal BRNS.

The 3rd foundation day of Literary Council of Maharaja Sriram Chandra Bhanjadeso University was held on 20.02.2021. On that day Hon'ble Vice Chancellor Prof. K.K.Basa felicitated Dr. Kabita Barik for her outstanding work on literature on the District of Mayurbhanja. An induction programme for our students was organised on 11th January 2021 to give awareness about the Covid 19.

During the academic session the NSS Bureau of MSCB University has organized a number of events like Fit India, Atma Nirbhar Bharat, Swachhata hi Seva, Cleaning of water bodies at adopted villages and awareness programme on COVID-19 etc. Dr. Smruti Ranjan Das, Programme Officer, Open Unit, MSCB University as Contingent leader of Odisha and one volunteer of our University has been successfully participated in Republic Day parade camp-2021 during 1st January to 31st January, 2021 at Rajpath, New Delhi.

Academic Calendar has been strictly following for admission, teaching, conduct of examination and for publication of result in time. However due to pandemic COVID-19 situation the results U.G. P.G. and M. Phil of the session 2019-20 was not published in time. The results of U.G. were published in the month of October 2020 in which the pass percentage in Arts, Science and Commerce were 79.4%, 70.41% and 71.75% respectively. The P.G.results were published in the month of November 2020. The Pre Ph.D and M.Phil results were published in the month of March 2021 and April 2021 respectively. During 2020-21 academic sessions fifty three (53) scholars have been conferred with Ph. D degrees.

This year two eminent personalities **Professor Ajit Kumar Mohanty**, Director Bhaba Atomic Research Center, Mumbai from Mayurbhanj District and **Padmashree Daitary Naik** from the district of Keonjhar will be felicitated as son of the soil on the foundation day (13.07.2021).

To maintain our tradition the University will felicitate Prof Uma Ballav Mohapatra, retired Professor of Botany, superannuated from job on 30th September 2020 on the 24th Foundation day. Further Kumudini Memorial Award will confer to Subhasmita Das and Dibyajyoti Nayak of P.G. Department of Zoology for securing highest marks in P.G.Examinations of Zoology.

Amongst the non – teaching staff members of this University from Class-III(Group-C) category Sri Tapan Kumar Patra, Senior Assistant and from Class-IV (Group-D) category Arati Jena, Peon has been selected as the best staff for the present year. They will be felicitated on the Foundation day.

In the present academic year due to restriction imposed for COVID-19 pandemic our students were not able to participate in various Inter University tournaments

Appropriate preventive measures have been taken by the University to face the pandemic COVID-19. During the COVID-19 lock down period our faculty members have applied number of project proposals to different funding agencies and published research papers in different journals of national and international repute. Our faculty members have been taking classes in different online modes like Whatsapp, ZOOM, and Google Meet etc.

With the missions, leadership and visions of all the former Vice – Chancellors our University is heading towards achieving new milestones in both academics and other fields. This work has been further enhanced due to the dynamic leadership of our present Vice chancellor Professor Kishor Kumar Basa.

Lastly on the occasion of 24th Foundation day I wish every employees of Maharaja Sriram Chandra Bhanjdeo University to accelerate their performance through hardworking and cooperation for the betterment of the University. At last I wish everyone a good time ahead.

Thanking you.

Shri Sahadev Samadhia, Registrar

ADMINISTRATION

There are 33 sections in the University to deal with day-to-day activities and to cater to the needs of the students, staff, teachers, research scholars and affiliated Colleges.

1. Establishment-I (Teaching)

- To deal with the service matter of teaching staff and officers of the University including recruitment and maintenance of service records.

2. Establishment-II (Non-teaching)

- To deal with the service matter of ministerial staff and other establishment related works of University including recruitment and maintenance of service records.
- Allotment of quarters to staff members.

3. Affiliation

- To comply with all matters related to affiliation.

4. Store

- To invite quotations and tenders for requisite purposes and place it before purchase committee for finalization.
- To place order for supply of the material to the selected firms.

- To maintain stock and store
 - To conduct annual stock and store verification
 - To issue articles to different sections/officers.
 - To deal with matters related to exemption of central excise duties/ State excise duty during purchase.
 - To take action for condemnation of unserviceable and damaged articles
- 5. Compliance Section (Registrar)**
- To deal with the confidential matters of the Office of the Registrar.
 - To comply the letters/ queries from the Chancellors' Office, Department of Higher Education, MHRD and UGC etc.
- 6. Legal Section (Registrar)**
- To deal with settlement of disputes.
 - Work of filing the cases and preparation of para-wise comments.
 - To deal with matters relating to RTI.
- 7. Accounts-I (Salary)**
- Preparation of salary bills.
 - To comply with the statement of Block Grants received from State Government on salary, pay fixation.
 - To prepare arrear bills, pay fixation, to deposit IT, PT, GPF etc.
 - To deal with pension.
- 8. Accounts-II (Receipt)**
- To receive all types of Bank Drafts, Banker's Cheques, Challan and Cash of University.
 - Maintenance of DCR and analysis of receipts.
 - Issue of sanction order.
- 9. Accounts-III (Disbursement)**
- To disburse the sanctioned amount to the party after receiving the sanction orders from Accounts-II.
 - To maintain the cash books and other registers relating to payment.
 - To remain the custodian of all the paid vouchers
- 10. Accounts-IV (Bill)**
- To scrutinize all the bills/ vouchers submitted for adjustment against the advance taken by various purposes.
 - To sanction amount against the pre-paid bills.
- 11. Examination Accounts**
- To sanction advances for all purposes such as conducting of examinations, valuations and other purposes required from time to time.
 - To sanction and release of grant to COE for different purposes and adjustment of bills against the advance taken by COE.
- 12. Confidential-I (U.G.)**
- Question paper setting.

- Printing and distribution of questions.
- 13. Confidential-II (P.G.)**
 - Question paper setting.
 - Printing and distribution of questions.
- 14. Confidential-III (M. Phil., Ph. D.)**
 - Question paper setting.
 - Printing and distribution of questions.
- 15. Confidential-IV (Law, Education, Medicine, Distance and Continuing Education)**
 - Question paper setting.
 - Printing and distribution of questions.
- 16. Confidential-V (BOS)**
 - To deal with Board of Studies and Examination Committee of all examinations.
 - To place the recommendations of the above boards to the concerned higher authorities.
- 17. Examination-I (P.G.)**
 - To fix dates for filling up of application forms and examinations.
 - To prepare CNR and issue of admit cards.
 - Valuation of answer scripts and publication of results.
- 18. Examination-II (U.G.)**
 - To fix dates for filling up of application forms and examinations.
 - To prepare CNR and issue of admit cards.
 - Valuation of answer scripts and publication of results.
- 19. Examination-III (M. Phil., Ph. D.)**
 - To fix dates for filling up of application forms and examinations for M. Phil.
 - To prepare CNR and issue of admit cards.
 - Valuation of answer scripts and publication of results.
 - To deal with all matters related to Ph. D. like Entrance Test, Registration, SRC, RCU and Evaluation of thesis and notification regarding award of Ph. D.
 - To deal with matters related D. Sc. and D. Litt.
- 20. Examination-IV (Law, Education, Medicine, Distance and Continuing Education)**
 - To fix dates for filling up of application forms and examinations.
 - To prepare CNR and issue of admit cards.
 - Valuation of answer scripts and publication of results.
 - To keep records of students enrolled, appeared and passed (year-wise data) for all the above examinations by respective examination sections.
- 21. Academic**
 - To prepare syllabi for different courses (U.G., P.G., M. Phil., Law, Education etc.)
 - To place the same before Academic Council for approval.
 - To prepare a list of equivalence of syllabi of different courses of this University with other Universities.
- 22. Certificate**

- Issue of mark sheets, provisional/original certificates to different Colleges and P.G. departments.
- To deal with return of CHSE, issue of registration receipt and migration certificate.
- To keep statistics of male and female students under different categories/caste.
- College/Universities transfer cases.
- Correction of mark sheets and certificates.
- Verification and authentication work.

23. Development-I (Liaison with UGC, NAAC and others)

- To deal with all matters related to UGC/NAAC of University and all affiliated Colleges.
- To prepare budget and estimate for different Five-year plans for submission to UGC.
- To prepare plan and proposals for submission to different funding agencies.
- To prepare utilization certificate and statement of accounts of the grants received.
- To comply matters related to NAAC.

24. Development-II (Building and Construction)

- To deal with infrastructural development of the University.
- To make plan and estimate of the buildings.
- To issue work orders to different agencies.
- To look after the supply of electricity and water.

25. Development-III (Maintenance)

- To deal maintenance/repairing of buildings and other civil works.

26. Budget-cum-Account

- To prepare Annual Budget and Statement of Accounts of the University.
- To comply the audit reports.
- To place Budget before the Senate and Syndicate.

27. Students' Welfare Section

- To conduct different inter-College and inter-University sports.
- To conduct Chancellor's Debate and other debates and competitions.
- To conduct NET, GATE and other related examinations.
- To deal with Fellowship of Research Scholars.
- To deal with the projects and proposals submitted by the faculty members to different funding agencies.
- Issue of Student Pass 'for to and fro' journey.
- To deal with students' welfare fund, if any.

28. P.G. Council (General)

- To fix dates for issue and receipt of application forms for admission into different courses of University available at NOU Campus.
- To scrutinize applications and conduct entrance test (if any) for the above purpose to prepare a merit list.
- To issue Identity Card, Time Table, Syllabus, ULC and Conduct Certificate.

- To deal with examination matters.
- To deal with N.S.S. of P.G. units.
- To deal with cultural activities, DSA, SSG etc.

29. P.G. Council (Accounts)

- Collection of admission/re-admission fees, tuition fees, fines (if any) and other fees.
- Disbursement of scholarships to students.
- Disbursement of funds to different P.G. departments (if collected).
- Collection of hostel dues.

30. S.F.C. (Accounts)

- Collection of admission/re-admission fees, tuition fees, fines (if any) and other fees.
- Collection of Hostel fees.
- Payment of Salary and others.

31. U.G.C & R.U.S.A.

- To deal with UGC & RUSA matters.
- Finalise the Utilization Certificate

32. Sports Council & P.G. Athletic Club

- To deal with all sports activities of all Colleges & University.
- Inter University sports activities.

33. Grievance Cell

- To deal with the grievance of staff/ students.

MEMBERS OF VARIOUS COMMITTEES

Sl. No.	Nature of Assignment	Designation	Name of the faculty/Officer
1.	All India Survey on Higher Education (AISHE)	Co-ordinator	Dr. A.K. Patra, Dept. of Economics
2.	Anti Ragging Cell	Chairman	Chairman, P.G. Council
		Member	Prof. M. Himabindu, Dept. of CA
		Member	Prof. H.K. Sahu, Dept. of Zoology
		Member	Prof. S. Kar, Dept. of Physics
		Member	Dr. B. Rath, Dept. of Biotech.
		Member	Dr. R.K. Singh, Dept. of Chemistry
		Member	Dr. Hiralal Dash, Dept. of Sanskrit
		Member	Dr. B. Mohapatra, Dept. of Odia
3.	Biometrics	Officer-in-Charge	Mr S. Bissoyi, Dept. of CA
4.	Bio-Informatics Centre	O.I.C.	Prof. H.N. Thatoi, Dept. of Biotech.
5.	Campus Beautification & Development	Co-ordinator	Dr. Minati Mallick, Dept. of Economics
		Deputy Coordinator	Dr. B. Hansdah, Dept. of Botany
			Dr. J.N. Besra, Dept. of Santali

6.	Canteen Committee	Chairman	Registrar
		Member	Comptroller Finance
		Member	Chairman, P.G. Council
		Member	Warden of Hostel
		Member	Deputy Registrar
7.	CCTV Surveillance	Professor I/C	Dr. J.K. Mantry, Dept. of CA
		Associate Officer	Dr. P.K. Swain, Dept. of CA
8.	Career Counselling Cell	Officer-in-Charge	Mr. S. Bissoyi, Dept. of CA
9.	Centre for Similipal Studies	Director	Prof. H.N. Thatoi, Dept. of Biotech.
		Joint Director	Prof. H.K. Sahu, Dept. of Zoology
		Asst. Director	Dr. S.C. Sahu, Dept. of Botany
			Dr. C. Mahapatra, Dept. of Zoology
10.	Convention & Foundation Day Celebration Committee	Co-ordinator	Registrar
		Member	All Professors
		Member	All HsOD
		Member	Comptroller of Finance
		Member	Controller of Examinations
		Member	Deputy Registrar
		Member	Deputy Controller of Examinations
11.	Computer Centre	O.I.C.	HoD, Dept. of CA
12.	Cultural Programme of the University	Co-ordinator	Dr. P.S. Sahu, Dept. of Physics
		Deputy Co-ordinator	Dr. S.K. Sahu, Dept. of Biotech.
			Dr. S.K. Behera, Dept. of Odia- for 2 nd Campus
13.	DDCE	Director	Prof. H.K. Sahu, Dept. of Zoology
		Deputy Director	Dr. K.L. Barik, Dept. of Botany
		Dy. Controller of Examinations (DDCE)	Dr. I. Naik, Dept. of Physics
		Asst. Director-cum-Coordinator MSCBU Study Centre, Keonjhar	Saswat Panda, Dept. of English
		Asst. Director-cum-Coordinator MSCBU Study Centre, Baripada	Dr. P.K. Jena, Dept. of Economics
14.	Development	Development Officer	Dr. J.K. Mantry, Dept. of CA
15.	Student's Welfare	Director	Dr. A.K. Patra, Dept. of Economics

		Deputy Director	Dr. L. Behera, Dept. of Chemistry
16.	Equal Opportunity Cell	Convenor	Prof. M. Himabindu, Dept. of CA
		Member	Prof. H.N. Thatoi, Dept. of Biotech.
		Member	Prof. S. Kar, Dept. of Physics
		Member	Prof. S. Kar, Dept. of Physics
17.	Grievance Redressal Cell	Co-ordinator	Chairman, P.G. Council
		Member	Warden of Hostel
		Member	Controller of Examinations
18.	Guest House	Officer-in-Charge	Dr. S.K. Nayak, Dept. of Biotech.
		Associate Officer-in-Charge	Dr. P.K. Jena, Dept. of Economics
19.	Hostel (Boy's Hostel)	Superintendent	Dr. B. Rath, Dept. of Biotech.
		Asst. Superintendent	Dr. G. Dhangdamajhi, Dept. of Biotech.
20.	Hostel (Ladies Hostel-1)	Superintendent	Dr. P.S. Sahu, Dept. of Physics
		Asst. Superintendent	Dr. G. Mohanty, Dept. of Zoology
21.	Hostel (Ladies Hostel-2)	Superintendent	Dr. S. Dash, Dept. of CA
		Asst. Superintendent	Dr. G. Mohanty, Dept. of Zoology
22.	Hostel (Ladies Hostel-3)	Superintendent	Dr. K.K. Sahu, Dept. of Economics
		Asst. Superintendent	Dr. B.P. Hansdah, Dept. of Botany
23.	Hostel (Ladies Hostel-4)	Superintendent	Dr. Minati Mallick, Dept. of Economics
		Asst. Superintendent	Dr. C. Mahapatra, Dept. of Zoology
24.	Hostel (M.Phil. & Ph.D.)	Superintendent	Dr. P. Mallick, Dept. of Physics
		Asst. Superintendent	Dr. A.K. Dora, Dept. of Chemistry
25.	HRD Centre	Director	Prof. H.N. Thatoi, Dept. of Biotech.
		Deputy Director	Dr. P.R. Debata, Dept. of Zoology
26.	IDP	Co-ordinator	Prof. H.N. Thatoi, Dept. of Biotech.
		Deputy Co-ordinator	Dr. P. Parida, Dept. of Zoology
		Building Nodal Officer	Dr. S.K. Nayak, Dept. of Biotech.
		Accounts Bursar	Dr. A.K. Patra, Dept. of Economics
27.	Identity Card (For Student/Employees/Faculty Members etc.)	Officer-in-Charge	Mr S. Bissoyi, Dept. of CA
		Associate Officer-in-Charge	Dr. G. Mohanty, Dept. of Zoology
28.	Internal Complaint Committee	Presiding Officer	Prof. S. Kar, Dept. of Physics
		Member	Dr. S. Dash, Dept. of CA
		Member	Dr. Minati Mallick, Dept. of

			Economics
		Member	Smt. Sunita Tudu, Senior Assistant
		Member	Mr. J.K. Sethy, Deputy Registrar
		Member	Ms. Gayatri Panda, Research Scholar, dept. of Biotech.
		Member	Dr. Binodini Rath, Former Principal, MLC, Baripada
29.	IQAC	Director	Prof. M. Himabindu, Dept. of CA
		Deputy Director	Dr. P. Mallick, Dept. of Physics
		Deputy Director	Dr. P.R. Debata, Dept. of Zoology
30.	Land & Estate Committee	Co-ordinator	Registrar
		Member Convenor	Development Officer
		Member	Chairman, P.G. Council
31.	Library	Officer-in-Charge	Prof. H.N. Thatoi, Dept. of Biotech.
		Associate Officer-in-Charge	Dr. L. Behera, Dept. of Chemistry
32.	Museum & Archives	Professor-in-Charge	Dr. P.S. Sahu, Dept. of Physics
		Member	Dr. G. Mohanty, Dept. of Zoology
		Member	Dr. B. Hansdah, Dept. of Botany
33.	NAD (National Academic Depository) (UGC)	Co-ordinator	Controller of Examinations
		Member	Dr. S. Dash, Dept. of CA
		Member	Dr. B. Rath, Dept. of Biotech.
34.	Placement Cell	Officer-in-Charge	Dr. K.K. Sahu, Dept. of Economics
35.	Plagiarism Checking	Officer-in-Charge	Mr S. Bissoyi, Dept. of CA
36.	R & D	Professor-in-Charge	Prof. H.N. Thatoi, Dept. of Biotech.
		Associate Officer-in-Charge	Dr. R.K. Singh, Dept. of Chemistry
37.	Repair & Maintenance	Officer-in-Charge	Dr. K.L. Barik, Dept. of Botany
38.	RUSA	Co-ordinator	Dr. P. Parida, Dept. of Zoology
		Co-coordinator	Mr S. Bissoyi, Dept. of CA
39.	Scholarship Matter	Nodal Officer	Dr. A.K. Dora, Dept. of Chemistry
40.	Sexual Harassment Cell	Chairperson	Prof. M. Himabindu, Dept. of CA
		Member	Dr. M. Mallick, Dept. of Economics
		Member	Dr. P. Parida, Dept. of Zoology
		Member	Dr. C. Mahapatra, Dept. of Zoology
		Member	Dr. K.L. Barik, Dept. of Botany
41.	SFC	Director	Chairman, P.G. Council
		Deputy Director	Dr. S.K. Sahu, Dept. of Biotech.
		Asst. Director	Dr. A.K. Dora, Dept. of Chemistry
42.	Sports Council	Secretary	Dr. I. Naik, Dept. of Physics

43.	SC & ST Cell	Co-ordinator	Dr. R.K. Singh, Dept. of Chemistry
		Deputy Co-ordinator	Dr. G. Dhangdamajhi, Dept. of Biotech.
44.	Store	Officer-in-Charge	Dr. S.K. Nayak, Dept. of Biotech.
		Associate Officer-in-Charge	Dr. P.R. Debata, Dept. of Zoology
45.	SWAYAM/MOOCs	Co-ordinator	Prof. M. Himabindu, Dept. of CA
		Deputy Co-ordinator	Dr. P.R. Debata, Dept. of Zoology
		Member	Dr. A.K. Jena, Dept. of Chemistry
		Member	Dr. C. Mahapatra, Dept. of Zoology
		Member	Dr. S.C. Sahu, Dept. of Botany
46.	UGC Matter	Professor-in-Charge	Prof. H.N. Thatoi, Dept. of Biotech.
		Associate Officer	Dr. A.K. Jena, Dept. of Chemistry
47.	Website	Professor-in-Charge	Dr. P.K. Swain, Dept. of CA
		Associate Officer	Dr. J.R. Sahu, Dept. of Physics
			Dr. P.K. Jena, Dept. of Economics

ACADEMICS

Maharaja Sriram Chandra Bhanja Deo University (Erstwhile North Orissa University) is primarily concerned with affiliation, teaching and research activities. There are 103 Colleges affiliated to this University including 03 Autonomous Colleges, out of them 65 Colleges belong to Mayurbhanj District and 38 Colleges belong to Keonjhar District. General education is being imparted by 84 Colleges and 9 Colleges provide professional education. There are 58 Colleges which come under 12(B) of UGC Act 1956 and 3 Colleges under 2(f). There are 7 Govt. Colleges and 80 Govt. Aided and Private Colleges. The University offers U.G., P.G., M. Phil., Pre-Ph.D. and Ph. D. programmes in the following subjects.

REGULAR COURSES

1. M. Sc. and M. Phil in Biotechnology
2. M. Sc. and M. Phil. in Botany
3. M. Sc. and M. Phil. in Chemistry
4. M. Sc. and M. Phil in Computer Science & Application
5. M. A. and M. Phil. in Economics
6. M.A. and M.Phil in English (2nd Campus)
7. M.Sc in Geology (2nd Campus)
8. M.Sc in Material Science (2nd Campus)
9. M.A. and M.Phil in Odia (2nd Campus)
10. M. Sc. and M. Phil. in Physics

11. M.A. and M.Phil in Sanskrit (2nd Campus)
12. M.A. and M.Phil in Santali
13. M. Sc. and M. Phil. in Zoology

SELF FINANCING COURSES

1. M. Sc. in Wildlife and Biodiversity Conservation
2. Master in Business Administration (M.B.A.)
3. M.A./M. Sc. in Anthropology and Tribal Studies
4. Master in Library and Information Science
5. M. Sc. in Remote Sensing & GIS
6. Master in Social Work
7. M.Sc. Computer Science
8. MA in English (Main Campus)
9. MA in Education
10. MA/M.Sc in Mathematics
11. MA in Odia (Main Campus)
12. MA in Sanskrit (Main Campus)
13. MA in Hindi
14. MA/M. Sc. in Yoga and Naturopathy
15. Integrated B.Ed-M.Ed.

Ph. D.

1. Botany
2. Biotechnology
3. Chemistry
4. Commerce and Management
5. Computer Science & I.T.
6. Economics
7. Education
8. English
9. Geology
10. History
11. Law
12. Life Sciences
13. Mathematics
14. Oriya
15. Philosophy
16. Physics
17. Political Science
18. Sanskrit
19. Zoology

ENROLMENT POSITION OF STUDENTS 2020-2021**A. DEMAND RATIO**

SL.No.	Programme Code	Programme Name	Number of seats available/ Sanctioned	Number of eligible applications received	Number of Students Admitted
Academic Session 2020-2021					
1	M.A./M.Sc.-ATS	M.A./M.Sc. Anthropology and Tribal Studies	30	51	13
2	M.Sc.-BT	M.Sc. Biotechnology	30	501	30
3	M.Sc.-BOT	M.Sc. Botany	30	2363	30
4	M.Sc.-CH	M.Sc. Chemistry	30	2495	30
5	MCA	Master Computer Application	30	550	28
6	M.Sc.-CS	M.Sc. Computer Science	30	325	18
7	M.A.-ECO	M.A. Economics	40	876	40
8	M.A.-ENG	M.A. English	80	787	76
9	M.Sc.-GL	M.Sc. Geology	30	637	30
10	M.Sc.-MS	M.Sc. Material Science	30	46	11
11	M.A.-ODI	M.A. Odia	80	1606	79
12	M.Sc.-PHY	M.Sc. Physics	30	2391	30
13	M.A.-SANS	M.A. Sanskrit	80	1669	73
14	M.A.-SNT	M.A. Santali	30	27	9
15	M.Sc.-WLBC	M. Sc. Wildlife and Biodiversity Conservation	30	194	26
16	M.Sc.-ZO	M.Sc. Zoology	30	2858	30
17	MBA	Master of Business Administration	40	452	31
18	M.A./M.Sc.-IBM	Integrated B.Ed. & M.Ed.	50	317	50
19	M.A.-EDN	M.A. Education	40	990	39
20	M.A./M.Sc.-MATH	M.A/M. Sc. Mathematics	30	1252	30
21	MSW	M.A. Social Work	40	69	13
22	M.A.-HN	M.A. Hindi	40	85	7
23	MLIS	Master Library & Information Science	40	256	21
24	M.Sc.-RSGIS	M.Sc. Remote Sensing & GIS	30	67	17
25	M.A./M.Sc.-YN	M.A./ M.Sc. Yoga and Naturopathy	30	77	16
			980	20941	777

B. CATEGORY-WISE ENROLMENT

Sl. No.	Programme Name	for reserved category as per GOI or State Government					Number of Students admitted from the reserved category									
		SC	ST	OBC	Gen	Others	SC		ST		OBC		Gen		Others	
							M	F	M	F	M	F	M	F	M	F
Academic Session 2020-2021																
1	M.A./M.Sc. Anthropology and Tribal Studies	5	7	0	16	2	0	0	2	2	0	2	3	4	0	0
2	M.Sc. Biotechnology	5	7	0	16	2	1	3	3	2	1	2	7	11	0	0
3	M.Sc. Botany	5	7	0	16	2	1	5	1	6	0	0	7	9	1	0
4	M.Sc. Chemistry	5	7	0	16	2	1	5	5	1	1	4	6	4	3	0
5	Master Computer Application	5	7	0	16	2	1	0	2	1	9	6	6	3	0	0
6	M.Sc. Computer Science	5	7	0	16	2	1	1	1	3	2	5	1	4	0	0
7	M.A. Economics	7	9	0	22	2	3	5	2	7	7	8	1	6	0	1
8	M.A. English	13	18	0	45	4	4	6	3	3	13	18	13	16	0	0
9	M.Sc. Geology	5	7	0	16	2	3	2	5	1	4	5	6	4	0	0
10	M.Sc. Material Science	5	7	0	16	2	0	0	0	0	3	3	3	2	0	0
11	M.A. Odia	13	18	0	45	4	7	8	6	14	0	12	8	23	0	1
12	M.Sc. Physics	5	7	0	16	2	1	1	4	3	4	2	7	6	1	1
13	M.A. Sanskrit	13	18	0	45	4	1	8	2	9	4	23	5	20	0	1
14	M.A. Santali	5	7	0	16	2	0	0	8	1	0	0	0	0	0	0
15	M. Sc. Wildlife and Biodiversity Conservation	5	7	0	16	2	0	2	3	1	3	2	9	6	0	0
16	M.Sc. Zoology	5	7	0	16	2	2	2	4	3	0	4	5	8	0	2
17	Master of Business Administration	7	9	0	22	2	0	1	2	1	0	0	16	11	0	0
18	Integrated B.Ed. M.Ed.	8	11	0	29	2	1	2	1	5	6	12	10	13	0	0
19	M.A. Education	7	9	0	22	2	1	6	3	5	4	6	4	10	0	0
20	M.A/M. Sc. Mathematics	5	7	0	16	2	3	1	3	4	9	3	2	4	1	0
21	M.A. in Social Work	7	9	0	22	2	1	1	0	0	4	0	2	5	0	0
22	M.A. Hindi	7	9	0	22	2	0	2	0	0	0	2	0	3	0	0
23	Master Library & Information Science	7	9	0	22	2	0	0	1	2	3	8	3	4	0	0
24	M.Sc. Remote Sensing & GIS	5	7	0	16	2	0	0	0	0	1	0	13	3	0	0
25	M.A./ M.Sc. Yoga and Naturopathy	5	7	0	16	2	0	0	0	2	5	0	4	5	0	0
		164	224	0	536	56	32	61	61	76	83	127	141	184	6	6

ACTIVITIES OF DEPARTMENTS

A. Main Campus, Baripada

DEPARTMENT OF BIOTECHNOLOGY

The Post-Graduate Department of Biotechnology is established in the year 2002 in self-finance mode with student intake strength of 20 and subsequently increased to 30. In the year 2012, the department became a regular department of NOU with a current strength of 5 faculty members. The department is now supported by DST –FIST (2016).

Seminars/Conference/Other activities conducted by the Department: 01

Department organized an International Webinar (in Blended Mode) on “Biotechnological Innovations in 21st Century” (From 19.03.2021 to 20.03.2021).

Research Publication

A. Journal

1. Behera, C.C., Mishra, R.R., **Thatoi, H. N.** “Recent biotechnological tools for diagnosis of corona virus disease”. A review Biotechnology Progress 37 (1), e3078. (2021).
2. Das, S, Behera, B.C., Mohapatra, R.K., Pradhan, Sudarshan, B. M., Chakraborty, A., **Thatoi, H. N.** “Reduction of hexavalent chromium by *Exiguobacterium mexicanum* isolated from chromite mines soil”. Chemosphere, 131135, (2021).
3. Verma, D., Mitra, D., Paul, M., Chaudhary, P., Kamboj, A., **Thatoi, H. N.**, Janmeda, P., Jain, P., Panneerselvam, P., Shrivastav, R., Pant, K., Mohapatra, P.K.D . “Potential inhibitors of SARS-CoV-2 (COVID 19) proteases PLpro and Mpro/3CLpro: molecular docking and simulation studies of three pertinent medicinal plant natural components”. Current Research in Pharmacology and Drug Discovery, 100038.(2021).
4. Behera, B.C., Sethi, B.K., Mohapatra, S., **Thatoi, H. N.**, Mishra, R. R. B “Bio-production of alkaline protease by *Trichoderma longibrachiatum* and *Penicillium rubidurum* using different agro-industrial products”. Novel Research in Microbiology Journal 5 (3), 1241-1255, (2021).
5. Paul, M., Nayak, D. P., **Thatoi, H. N.** “Optimization of xylanase from *Pseudomonas mohnii* isolated from Simlipal Biosphere Reserve, Odisha using Response Surface Methodology”. Journal of Genetic Engineering and Biotechnology. (2020).
6. Paul, M., Pranjaya, P. P., **Thatoi, H.N.** “In silico studies on structural, functional, and evolutionary analysis of bacterial chromate reductase family responsible for high chromate bioremediation efficiency”. SN Applied Sciences 2 (12), 1-21, (2020)
7. Panda, M.K., Paul, M., Singdevsachan, S.K., Tayung, K., Das, S. K., Thatoi, H. N. “Promising Anticancer Therapeutics From Mushrooms: Current Findings and Future Perceptions”. Current Pharmaceutical Biotechnology. (2020)
8. Pradhan, S. K., Kumar, U., Singh, N. R., **Thatoi, H. N.** “Functional diversity and metabolic profile of microbial community of mine soils with different levels of chromium contamination”. International journal of environmental health research; 30 (4), 461-473.(2020)
9. Pradhan, S. K., Singh, N. R., Das, S., **Thatoi, H. N.** “Molecular identification and phylogenetic analysis of chromium-resistant bacteria isolated from chromite mine area soil, Sukinda, India using 16S rRNA sequencing. Soil and Sediment Contamination”. An International Journal; 1-18. (2020)
10. Mohapatra, S., Jena, S., Jena, P.K., Badhai, J., Acharya, A. N., **Thatoi, H. N.** “Partial consolidated bioprocessing of pretreated Pennisetum sp. by anaerobic thermophiles for enhanced bioethanol

- production". Chemosphere, 127126. (2020)
11. Das, S.K., Dash, S., **Thatoi, H. N.**, Patra, J. K. "In vitro α -amylase and α -glucosidase inhibition, antioxidant, anti-inflammatory activity and GC-MS profiling of *Avicennia alba* Blume. Combinatorial chemistry & high throughput screening". (2020)
 12. Paul, M., Panda, G., Mohapatra, P. K. D., **Thatoi H. N.** "Study of structural and molecular interaction for the catalytic activity of cellulases: An insight in cellulose hydrolysis for higher bioethanol yield". Journal of Molecular Structure 1204, 127547.(2020)
 13. Pradhan, S. K., Singh, N. R., Kumar, U., Mishra, S. R., Perumal, R. C., Benny, J., **Thatoi, H. N.** "Illumina MiSeq based assessment of bacterial community structure and diversity along the heavy metal concentration gradient in Sukinda chromite mine area soils, India". Ecological Genetics and Genomics, 100054. (2020)
 14. Mohapatra, R. K., Behera, S. S., Patra, J. K., **Thatoi, H. N.**, Parhi, P. K. "Potential application of bacterial biofilm for bioremediation of toxic heavy metals and dye-contaminated environments". New and Future Developments in Microbial Biotechnology and Bioengineering, 267-281.(2020)
 15. Panda, S., Manoj, K., Dash, P., Thatoi, K., Dandapat, J., **Rath, B.** "Oxidative stress correlates well with markers of metabolic syndrome in clinically hypothyroid cases: a hospital based study in a remote tribal district." RUDN Journal of Medicine.;25(1),pp:55-65.doi:10.22363/2313-0245-2021-25-1-55-65;ISSN: 2313-0245(2021).
 16. Sahoo, B., Dash, S., Parida, S., Sahu, J. K., **Rath, B.** "Antimicrobial activity of the lichens *Parmotrema andium* and *Dirinaria applanata*." Journal of applied biology and biotechnology",vol.5,pp.1-6.ISSN: 2455-7005 . (2021).
 17. Sahu, J. K., Dash, S. K., Nayak, B., Pradhan, P., **B. Rath** "Combine effect of recommended dose of commercial preparation of neem (Neemet Plus) and various concentration of pressmud on growth, chlorophyll-a and nitrogenase activity of several species of cyanobacteria" Indian Hydrobiology", 19(1&2), pp.241-248. ISSN: 0971-6548 (2020).
 18. **S. K. Nayak**, Current status of *Aeromonas hydrophila* vaccine development in fish: An Indian Perspective. Fish & Shellfish Immunology 100, 283-299, (2020)
 19. Lopamudra, M. Behera and **S. K. Nayak**, Characterization and serosurveillance of *Aeromonas hydrophila* infection in disease affected freshwater fishes. Journal of Fisheries and Life Sciences, 5(2) 39-44, (2020)
 20. A. P. Nanda and **S. K. Nayak**, Virulence factors and drug resistance of gastrointestinal *Escherichia coli* isolated from different animals. Indian Journal of Animal Health, 59(2) : 159-168, (2020)
 21. Behuria, H. G., Biswal, B. K., **Sahu, S. K.** "Electroformation of liposomes and phytosomes using copper electrode." Journal of Liposome Research, 2394 (2020).
 22. Behuria, H. G., **Sahu, S. K.** "An anti-microbial terpenoid fraction from *Gymnema sylvestre* induces flip-flop of fluorescent-phospholipid analogs in model membrane, Applied Biochemistry and Biotechnology (accepted manuscript) (2020).
 23. Panigrahi, U. K., Sahu, B., Behuria, H. G., **Sahu, S. K.**, Dhal, S. P., Shamima Hussain, Mallick, P. "Synthesis, characterization and bioactivity of thio-acetamide modified ZnO nanoparticles embedded in zinc acetate matrix" Nano Express 2 010012-26, (2020)
 24. **Dhangadamajhi, G.**, Singh, S. "Malaria link of hypertension: a hidden syndicate of angiotensin II, bradykinin and sphingosine 1-phosphate". Human cell; 34, 734– 744.(2021).
 25. **Dhangadamajhi G.**, Rout, R. "Association of TLR3 functional variant (rs3775291) with COVID-19 susceptibility and death: a population-scale study". Human cell; 34, 1025–10271. (2021).
 26. Gouda, K., Das, U., **Dhangadamajhi, G.** "Utility of Fine Needle Aspiration Cytology (FNAC) in the diagnosis of tuberculous lymphadenitis compared to GeneXpert in a tertiary health care center in Northern Odisha." India. Indian J Tuberculosis (2021).
 27. **Dhangadamajhi, G**, Singh, S. "Sphingosine 1-Phosphate in malaria pathogenesis and its implication in therapeutic opportunities. Front Cell Infect Microbiol". 10: 353 (2020).

B. Book Chapter/Book

1. Acharya, C., Samantaray, A. K., Panda, A. C., **H. Thatoi**. Biochar: An Advanced Remedy for Environmental Management and Water Treatment. Bioresource Utilization and Management: Applications in Therapeutics, Biofuels, Agriculture, and Environmental Science. ISBN-781771889339. Apple Academics. 2021.
2. Mohapatra, R. K., Pattnaik, R., Bindhani, B., **Thatoi, H. N** Parhi, P. K. Bioremediation of Arsenic-Contaminated Environment Using Bacteria: An Update. Bioresource Utilization and Management: Applications in Therapeutics, Biofuels, Agriculture, and Environmental Science. ISBN-781771889339. Apple Academics. 2021.
3. **Thatoi, H. N.**, Panda, M. K., Tayung, K. Wild Edible Mushrooms of Northern Odisha: Ethno-medicinal uses and Livelihood Support to the Tribal People. Indigenous Tribes and Biodiversity Conservation. ISBN- 9388950356, SSDN Publishers & Distributors, 2021.
4. **Thatoi, H. N.**, Panda, M. K., Tayung, K. Wild Edible Mushrooms as Livelihood Support for Rural Tribal People in Similipal Biosphere Reserve, India. Biodiversity Conservation and Livelihood Management. ISBN- 9789390435135, Astral Publication, 2021.
5. **Nayak, S. K., Thatoi, H. N.** Microbial Diversity of Similipal Biosphere Reserve, Odisha: An Update. Biodiversity Conservation and Livelihood Management. ISBN- 9789390435135, Astral Publication, 2021.
6. S. D. Rout & **S. K. Nayak** Assessment of Mugger Crocodiles (*Crocodylus palustris*) Population Status and Distribution in the Similipal Tiger Reserve, Mayurbhanj, Odisha. In Prof. Hrudayanath Thatoi & Dr. Priya Ranjan Debata edited book on “Biodiversity Conservation and Livelihood Management” Astral International Pvt. Ltd. India. Pp 189-197, (2021).
7. Paul, M., Pandey, N., Shrotri, G., Tomar, P., **Thatoi, H. N.**, Bhattacharya, D., Banik, S. P., Ghosh, D., Hazra, S. Enzyme-Nanoparticle Corona: A Novel Approach, Their Plausible Applications and Challenges. Bioprospecting of Enzymes in Industry, Healthcare and Sustainable Environment. ISBN- 978-981-334-195-1, Springer, 2021.
8. **Thatoi, H. N.**, Paul, M. Bioremediation of Highly Toxic Hexavalent Chromium by Bacterial Chromate Reductases Family: A Structural and Functional Overview Bioprospecting of Enzymes in Industry, Healthcare and Sustainable Environment. ISBN- 978-981-334-195-1, Springer, 2021.
9. Paul, M., Mohapatra, S., **Thatoi, H. N.** Enzymatic Hydrolysis of Lignocellulosic Biomass Using Engineered Microorganisms and In Silico Approaches for Enhanced Enzyme Production:
10. **Thatoi, H. N.** A Review. Microbial Fermentation and Enzyme Technology. ISBN-13:978-0-3671-8384-4, CRC Press, Taylor & Fancis, 2020.
11. Mohapatra, S., Mishra, S. S., Paul, M., **H. Thatoi**. Lignolytic Enzymes from Fungus: A Consolidated Bioprocessing Approach for Bioethanol Production. Frontiers in Soil and Environmental Microbiology, ISBN-13:978-1-138-59935-2, Taylor & Fancis, 2020.
12. Samantaray, D., Das, S. K., **Thatoi, H. N.** The Expanding Role of Microbial Products in Pharmaceutical Development: A Concise Review. Frontiers in Soil and Environmental Microbiology, ISBN-13:978-1-138-59935-2, Taylor & Fancis, 2020.
13. Das, S. K., **Thatoi, H. N.** Mangrove plant-mediated green synthesis of nanoparticles and their pharmaceutical applications: an overview. Biotechnological Utilization of Mangrove Resources, ISBN 9780128195321, Elsevier, 2020.
14. **Thatoi, H. N.**, Mishra, R. R., Behera, B. C. Biotechnological potentials of halotolerant and halophilic bacteria from mangrove ecosystems. Biotechnological Utilization of Mangrove Resources, ISBN 9780128195321, Elsevier, 2020.

15. **Sahu, S. K.,** Behuria, H. G. Heavy Metal Toxicity and Their Bioremediation Using Microbes, Plants, and Nanobiomaterials, Bioresource Utilization and Management: Applications in therapeutics, Biofuels, Agriculture and Environmental Science, ISBN: 9781771889339, Apple Academic Press, Inc, Canada, Chapter 20, pp 457-470, 2021,
16. Behuria, H. G., Panda, G., **Sahu, S. K.** Evaluation of Antimicrobial Potential of *Nyctanthes arbor-tristis* Leaf Extracts, Biodiversity Conservation and Livelihood Management, ISBN 978-93-90435-13-5, Daya Publishing House® A Division of Astral International Pvt. Ltd., New Delhi – 110 002, Chapter 20, pp: 245-253, 2021

C. Book

1. **H. N. Thatoi,** P. R Debata.(Eds) Biodiversity Conservation and Livelihood Management. Astral Publication (2021)
2. **H. N. Thatoi,** M.Sahoo.(Eds) Indigenous tribes and Biodiversity Conservation. SSDN (2021)
3. **H. N. Thatoi,** S Mohapatra, S. K Das Bioprospecting of Enzymes in Industry, Healthcare and Sustainable Environment. Springer Nature (2021)

D. Proceedings

Satyabrata Dash, Sabyasachy Parida, Bijayananda Sahoo, Tapan Kumar Panigrahi and **Biswajit Rath.** Potential antimicrobial activities of marine Cyanobacteria isolated from Balasore coast, Odisha, “Biotechnology & Bioresource” ed: **H. N. Thatoi,** In-Tech publications (In press), (2020).

E. Popular Scientific Articles

1. **S. K. Nayak** and J. P. Dash, Selenium Yeast: An Aquaculture Perspective. Aqua Star. November, 71-79, (2020).
2. J. P. Dash and **S. K. Nayak,** Role of selenium in fish with reference to green synthesized selenium nanoparticles. Aqua Star. October, 91-96, (2020)

Conference/Seminar/Workshop/Symposia/Participated and Presented

Prof. H. N. Thatoi

1. Participated in a conference “Advances in Bioprocess Engineering and Technology” organized by Heritage Institute of Technology, Kolkata, from 20th – 22nd Jan 2020.

Dr. S. K. Sahu

1. Resource person in a National Webinar on “Preparation of artificial cell membranes and their application in basic and applied life sciences.” Organized by Department of Zoology, Anandpur Degree College, Anandpur. 20th Jan 2021.
2. Participated in the "National Education Conclave on Re-Imaging University Education with a heart-centered approach” organized by Heartfulness Education Trust from 12th - 13th March 2021.

Faculty Development Programme (online)

Dr. B. Rath

1. Sathyabama Institute of Science and technology (Deemed to be University) Title: “Small molecules- Strategies and Sophistication” Duration: 03/08/2020 to 09/08/2020.

2. AICTE Training and Learning (ATAL) Academy at Bharathiar University Title: “Synthetic Biology”. Duration: 14/12/2020 to 18/12/2020.

Dr. S.K. Sahu

Dr. S. K. Sahu, successfully completed Faculty Development Programme in "Learning Advanced E-tools for MOOCs Development&research organized by “Ministry of Human Resource Development: Pandit Madan Mohan Malaviya National Mission on Teachers and Learning Centre, Ramanujan College, University of Delhi and Motilal Nehru College (E) University of Delhi” from 1 -09-2020 to 14-09-2020 and scored grade “A”

Research Activity (Guidance)

A. Ph. D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Mrunmaya Kumar Panda	Biodiversity of Wild Edible Mushrooms and Their Bioactive potential.	Prof. H Thatoi	Awarded
2	Indira Priyadarshani	Isolation and Characterization of Bioactive compounds from Cyanobacteria of Odisha coast	Dr. B Rath	Awarded
3	Ms Mahasweta Das	Microbial mediated production of exopolysaccharides in direct seeded rice under moisture stress condition	Dr. S. K. Nayak	Awarded
4	Sushrrekha Das	Isolation and characterization of probiotic lactic acid bacteria and evaluation of their nutritional potential for iron and folic acid utilization using animal model system	Dr. S. K. Sahu	Awarded

B. M.Phil

S. N	Name of the Candidate	Title	Supervisor	Status
1	Monalisa Mahuri	Isolation and screening of laccase producing bacteria	Prof. H Thatoi	Awarded
2	Swagatika Baral	Isolation and characterization of Sericin from silk worm	Prof. H Thatoi	Awarded
1	Priyal Das	“Antioxidant and phytochemical activity of microalgae of Chilika lake, Odisha”	Dr B Rath	Awarded
2	Falak Ara	Green synthesis of aluminium oxide nanoparticle from lemon grass (<i>Cymbopogon citratus</i>) and evaluation of their anti-bacterial activity	Dr. S. K. Nayak	Awarded
3	Swastisarita Shaw,	Studies on Flippase-mediated drug resistance in “ <i>Staphylococcus aureus</i> ”	Dr. S. K. Sahu	Awarded
4	Manisha Samal	Investigation on <i>in vitro</i> anti-diabetic effect of petroleum benzene solvent	G Dhangada	Awarded

		fraction of <i>carica papaya</i> peel	majhi	
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Awards / Medals / Recognition Received

Prof. H Thatoi: Recieved Prof. Harihara Pattanaik Award for Environment Science by Orissa Botanical Society in the year 2020.

Dr Sukanta K Nayak: Recognised among TOP 2% Scientists in the world prepared by Stanford University, USA in the year 2020.

DEPARTMENT OF BOTANY

The Post-Graduate Department of Botany of North Orissa University is established in the year 2004. The department is bestowed with well-trained faculty having wide array of research exposure and teaching experience in various aspects of plant sciences. The department imparts teaching at M.Sc., M. Phil. and Pre-Ph. D levels with an objective to provide quality input to students both in teaching and research. We intend to expand academic co-operation by offering new curriculum, upgrading programmes to a wider spectrum and promoting collaborating research on development from broad interdisciplinary prospective. **Department Assistance by DST-FIST** during 2009-10.

Seminars/Conference/Other activities conducted by the Department:

Department organized a Short-Term (one week) Virtual Academic Training on “CBCS Courses” regarding **Phytoresources and its Management Strategies** (From 19.03.2021 to 25.03.2021) for Teachers of affiliated colleges under MSBD University.

Research Publication

A. Journal

1. T. Devalaxmi, **Biswal, A. K., Barik, K.L.** , “Floristic composition of a grassland community of Gangraj in the district of Mayurbhanj, Odisha, India, Internal journal of Scientific research in Science & technology, 7(6), 501-508, 2020.
2. Mohapatra, S., **Biswal, A. K.**, Dandapat, J., Debata, P. R. “Leaf Extract of *Nerium oleander* L. Inhibits Cell Proliferation, Migration and Arrest of Cell Cycle at G2/M Phase in HeLa Cervical Cancer Cell”. *Anticancer Agents Med Chem.*;21(5):649-657. (2021).
3. Samal, D., **Biswal, A. K.**, Satpathy, K. B., Rout, N. C. “A new Distributional record of *Actiopteris vadiata* (SW) Link (Pteridaca) from Eastern India, a Threatened Taxa”. *Pl. Sc. Res*, 42, (2021).
4. Prusty, S., Mishra, R. K. **Biswal, A. K.** “Uses of invasive alien plant species of chandaka Dampara wild life sanctuary: A management implication”. *Asian journal if conservation Biology*. (Accepted) (2021).

5. Mohanta, M. R., Mohanty, R. C., **Sahu, S. C.** “Phenology and regeneration status of *Terminalia tomentosa* (Roxb.) Wight & Arn.: a tropical tree species of Indian forests”. *Ecoscience*, 28(2): 171-183. (Taylor & Francis Publication) (2021)
6. Mohanta, M. R., Mohanta, A., Mohapatra, U. B., Mohanty, R. C., **Sahu, S. C.** “Carbon stock assessment and its relation with tree biodiversity in Tropical Moist Deciduous Forest of Similipal Biosphere Reserve, Odisha, India.” *Tropical ecology* 61(4): 497-508 (Springer publication). (2020)
7. Mohanta, M. R., Suresh, H. S., **Sahu, S. C.** “A review on plant phenology study in different forest types of India”. *Indian Forester* 146 (12): 1137-1148. DOI: 10.36808/if/2020/v146i12/146331. (2020).

B. Book Chapter/Book

1. Dash, S. S., Mohapatra, S., **Biswal, A. K.** “Diversity and distribution of Invasive Alien Plant species of Odisha.” In Biodiversity Conservation and Livelihood Management edited by H. N. Thatoi and P. R. Debata, ISBN: 978-93-90435-13-5, Daya Publishing House New Delhi. 2021
2. Mohanta, M. R., **Sahu S. C.** “Floristic diversity of Odisha: An Overview” In New Vistas in Indian Flora edited by L. J. Singh and V. Ranjan, pp.451-466, ISBN: 978-00-000-0000-0, M/s Bishen Singh Mahendra Pal Singh, Dehra Dun. 2020
3. Mohanta, M. R., Manjari A., **Sahu S. C.** “Floristic diversity in dry deciduous forest of Similipal Biosphere Reserve, Odisha, India”: In Biodiversity Conservation and Livelihood Management edited by H. N. Thatoi and P. R. Debata, pp.71-86, ISBN: 978-93-90435-13-5, Daya Publishing House New Delhi. 2021.

Conference/Seminar/Workshop/Symposia/Participated and Presented

Prof. A. K. Biswal

1. Convenor of National webinar entitled “Biodiversity Conservation: Challenges Ahead” held on 28th September, 2020 held at department of Botany, MSCB University, Baripada.
2. Resource person in Webinar on Biosphere Reserves of India: Identification, Conservation and Management, organized by M. S Golvalkar College, Rewa (M.P.) from 15th to 19th March 2021.

Dr S. C. Sahu

1. Resource person in One - day National Webinar on Biodiversity conservation: its challenges and opportunities organized by Department of Botany, Pottamundai College, Kendrapara, held on 19th November, 2020.
2. Resource person in Webinar on Biosphere Reserves of India: Identification, Conservation and Management, organized by M. S Golvalkar College, Rewa (M.P.) from 15th to 19th March 2021.

3. Participated in National Webinar series on Plant Taxonomy and Ethnobotany in India- Future and Challenges organized by NMNH, New Delhi and TDU, Bengaluru from 4th - 6th November 2020.

Faculty Development Programme

1. **Dr B. Hansda**, successfully completed a Refresher course in Environmental Science (Current Challenges and Opportunities in Teaching and Research in Environmental Science) held at UGC-HRDC, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh from 05.10.2020 to 17.10.2020.
2. **Dr S. C. Sahu**, successfully completed a Faculty Development Programme on “Earth & Environment Responses during COVID-19” conducted at the Department of Environmental Sciences, Savitribai Phule Pune University, Pune from 11th to 17th July 2020.

Research Activity (Guidance)

A. Ph.D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Dibya Lochan Bhuyan	Floristic Composition and System Transfer Function of a grassland Community of North Odisha.	Dr K.L. Barik	Awarded
2	Biranarayan Chawpattnayak	Community Structure and Dry Matter Dynamics of a Grassland Community of Rairangpur (Dist: Mayurbhanj) in Orissa	Dr K.L. Barik	Awarded
3	Prabir Kumar Rout	Phytosociology and Primary productivity of a grassland community of Bangriposi (Dist: Mayurbhanj) in Orissa	Dr K.L. Barik	Awarded

B. M. Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Bandita Kumari Dalasingh	Phylogeny of Ipomoea L. On the Basis of Palynotaxonomy	Dr A.K. Biswal	Awarded
2	Pratigyan Priyadarshini	Ethonobotanical Mapping of Morada Block of Mayurbhanj, Odisha	Dr A.K. Biswal	Awarded
3.	Rath Kumar Tudu	Karyosystematic Study of <i>Solanum nigrum</i> L. Complex	Dr A.K. Biswal	Awarded

4.	Tanayashree Devalaxmi	Phytodiversity of a grassland community of Gangraj in the District of Mayurbhanj, Odisha	Dr K.L. Barik	Awarded
5.	Subhasmita Sahoo	The Effect of Different Growth Regulators on the Regeneration Ability of Flax in Vitro Culture	Dr (Mrs) B.P. Hansdah	Awarded
6.	Yasaswinee Rout	Estimation of biomass and carbon stock in tropical dry deciduous forests of Similipal Biosphere Reserve, Odisha, India	Dr. Sudam Charan Sahu	Awarded

Project

Sl. No	Title of the project	Funding Agency	Amount	Duration	PI/ Co-PI
1	Tree species composition and carbon stocks assessment in different forest types of Similipal Biosphere Reserve, Odisha (India)	Science and Technology Department, Govt. of Odisha	7.26 lakh	2018-2021	Dr. S.C. Sahu

Awards / Medals / Recognition Received

Dr K. L. Barik

Indo Asian-Gregor Mendel Distinguished Scientist Award in recognition of participation in the United Nations 75th Anniversary Dialogue on UN Goal-Quality Education –Organized by International Multidisciplinary Research Foundation (IMRF) (2020).

Dr B. Hansda

University level award for sincere contribution towards NSS, MSCB University (2020).

DEPARTMENT OF CHEMISTRY

Established in 2004, the Department of Chemistry has received the Departmental infrastructural grants DST-FIST, Government of India, UGC-SAP and UGC 12th Finance Grant. The Department publishes research papers uniformly and is committed to teaching and excellence with its existing well trained faculties. Presently the Department has an enrolment of 59 M.Sc. and 06 M.Phil along with about 15 Ph.D. students. The students in the Department have established an extraordinary record of achievement. The underlying success of the students is a strong and dynamic faculty. A typical student in the program publishes multiple papers cited worldwide. Students have ample access to faculty time, instrumentation and other resources. The students of Chemistry Department regularly qualify CSIR/UGC NET, GATE and other national level entrance. Department of Chemistry has Alumni Association of Chemistry (AAC, NOU) that encourages alumni to stay connected with each other and to impact the next generation.

Department Assistance by DST-FIST

The Department presently is under the cover of Departmental Infrastructural Grants (DST-FIST), Government of India and has received a grant of Rupees 60 Lakhs under the scheme. The Department expresses its gratitude to Ministry of Science & Technology (DST), Govt. of India for recognition and supporting the Department.

Seminars/Conference/Other activities conducted by the Department: Nil

Research Publication

A. Journal

1. Tapan Kumar Behera, Snehalata pradhan, **Pramoda Kumar Satapathy** and Priyabrat Mohapatra, Synthesis and Characterisation of ZnO-Ag plasmonic nanocomposite:-An efficient photocatalyst for the degradation industrial pollutant. Materials Today Proceedings, 2021, Available Online <https://doi.org/10.1016/j.matp.2021.02.550>.
2. **Amar Dora** and Jonathan Tennyson, "Electron collisions with CO molecule: Potential energy curves of higher lying CO⁻ resonant states", J. Phys. B: At. Mol. Opt. Phys. 195202, 53 (2020).
3. Mateusz Zawadzki, Murtadha A. Khakoo, Logan Voorneman, Luka Ratkovich, Zdenek Masin, Karel Houfek, **Amar Dora**, Russ Laher and Jonathan Tennyson, "Low Energy Inelastic Electron Scattering from Carbon Monoxide: I. Excitation of the a ³Π, A' ³Σ⁺ and A ¹Π Electronic States", J. Phys. B: At. Mol. Opt. Phys. 165201, 53 (2020).

B. Book Chapter/Book

1. **P. K. Satapathy**, Decomposition of aqueous Hydrogen Peroxide by colloidal Manganese Dioxide, Chapter 13 of the Book, Current Perspectives on Chemical Sciences, ISBN: 978-93-90888-43-6, eBook ISBN: 978-93-90888-51-1, Vol. 10, B.P. International Publisher, Print May 2021

Conference/Seminar/Workshop/Symposia/Participated and Presented

Prof. P K Satapathy

1. Participated in the Second OCS Extended Lecture Series and Sixth series of National Conference on Recent Advancement in Materials Science (RAIMS-2020), 22nd –24th January 2021., Organized by Department of Chemistry, Veer Surendra Sai University of Technology Burla, Sambalpur, Odisha.
2. Delivered a Talk as Resource Person in the Webinar, "Role of Chemistry in Sustainable Development of Society", Organised by Department of Chemistry, Pattamundai College, Pattamundai, Odisha on 28th September 2020.

3. Participated as Hon'ble Guest in the National Webinar on "Energy storage Application and Protection of UV Radiation." Organised by Department of Chemistry Karanjia (Auto) College, Karanjia, Odisha on 17th September 2020.

Dr. A. K. Jena

1. Participated in the National Webinar on "Synthesis and Properties of Nano Structured Materials" held on 24th July 2020 organized by Synergy Institute of Engineering and Technology, Odisha.
2. Presented the paper entitled 'Fe₃O₄-Pd catalyzed oxidative amidation olefins towards stereoselective synthesis of z-enamides' in the International Virtual Conference on 'Innovation in Chemical Science-2020: An International Meet for Quality and Quantity (ICSIMQQ-2020)' held on 21st-22nd Aug-2020, organized by Vellore Institute of Technology, Chennai
3. Participated in the International virtual conference on "The Physical Chemistry of Molecular Interactions" held on 12th – 13th Dec 2020 organized by G. M. University, Odisha.
4. Participated in the National virtual conference on "Synthesis OCS-Industry Interface Meet-2020" held on 26th – 27th Dec 2020 organized by Odisha Chemical Society
5. Presented the paper entitled 'Fe₃O₄-Pd catalyzed oxidative coupling between amide with olefins: Stereoselective synthesis of z-enamides' in the International Virtual Conference on 'The Present and Future of Excellence in Organic Synthesis' held on 07th-08th Jan-2021, organized by Tezpur University, Assam
6. Participated in the workshop on the topic "ICT Tools for Chemistry Teachers" held on 22nd Feb 2021 organized by GAD TLC, SGTB Khalsa College, University of Delhi.a
7. Presented the Invited Lecture on the topic 'Magnetic Nanoparticle Catalyzed Coupling Reactions: A Green Approach' in the International Virtual Conference held on 29 Feb. 2021organized by Department of Chemistry, BRM College, Bhubana, Odisha.

Faculty Development Programme

1. **Dr. Lingaraj Behera** successively completed Refresher Programme by UGC sponsored SWAYAM, from 23rd Oct. 2020 to 20th December 2020.
2. **Dr. A. K. Jena** successfully completed the Faculty Development Programme on the subject "Nanomaterials Characterization Techniques and Results Analysis Methodology: Ideas, Innovations and Initiatives", conducted by UGC-HRDC, Sabitribai Phule Pune University from 27th-31st July 2020.

Research Activity (Guidance)

A. Ph. D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1.	Sanjay Ku. Sahoo	Studies in Chemical Processing of Sabai Grass Fiber.	Dr. Lingaraj Behera	Submitted

B. M.Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1.	Bibek Chaw Pattnayak	Synthesis of highly Photoluminescent Carbon Dot from Natural Source and its Application in Sensing Fe ³⁺ ion	Prof. P K Satapathy	Awarded
2.	Rajesh Kumar Pandit	A Review on removal of Chromium from industrial waste	Prof. P.K. Satapathy	Awarded
3.	Hrusikesh Das	Mechanistic Study of catalyst Assisted Aldol Condensation: A Review	Dr. R K Singh	Awarded
4.	Krutibas Kar	Synthesis of Carbon Quantum Dots	Dr R K Singh	Awarded
5.	Tanmayee Mohanta	Pot Economy and One Pot Synthesis	Dr. L Behera	Awarded
6.	Prakash Kumar Nayak	Optimization of Parameters for the Preparation of different Flavoured Casein & Factors Affecting the Yield of Casein.	Dr. L Behera	Awarded
7.	Sandhyajoti Rout	Role of Semiconductor based Photo Catalyst and photo Electrochemical cells for solar Fuel Generation	Dr. A. K. Dora	Awarded
8.	Rashmi Ranjan samal	Review on Green Synthesis of Luminescent Carbon Dots for Sensing Applications	Dr. Ashis Kumar Jena	Awarded

Project

Sl. No	Title of the project	Funding Agency	Amount (Rs)	Duration	PI/ Co-PI
1	Quantum Dynamical Study of Low-energy Electron Collision with Molecules and Radicals having Relevance to Plasma and Astrophysics	SERB, Department of Science and Technology.	11,10,673/-	3 years (from 27/07/2018 to 26/07/2021)	A. K Dora (PI)

Awards / Medals / Recognition Received

Dr. A. K. Jena

1. Best Oral Presenter Award by Vellore Institute of Technology, Chennai

DEPARTMENT OF COMPUTER APPLICATION

The Post-Graduate Department of Computer Application of Maharaja Sriram Chandra Bhanjadeso University had a humble beginning in 2004 as a self financing Department and received regular status Department of the university in 2012. The department has its own dedicated building and infrastructures. The department strives to achieve excellence in teaching-learning, research and extension activities with emphasis on innovations. Over a foundation of core values – quality, high academic standards and integrity- the department has progressed in a sustained manner.

Seminars/Conference/Other activities conducted by the Department:

- International Online Lecture Series on "Recent trends in Artificial Intelligence and Machine Learning", 16-21 July 2020
- caConnect: Alumni meet of MCA students of MSCBU, 20-Mar-2021

Research Publication

A. Journal

1. K. Nayak, **J.K.Mantri**, M. Pattnaik (May 2021), Publicity And Preservation Impact On Multiple Supply Chain Network Design (MSCND): A Literature Review, Journal of Mathematical and Computational Science, ISSN: 1927-5307, Vol 11(3), pp 3244-3262.
2. P. Sahu, **J. K. Mantri**, U. B. Gohatre. (September 2020). The Control of Diabetes And Judgement Help Based On Artificial Intelligence And Machine Learning Approach. International Journal of Advanced Science and Technology, ISSN: 3072 – 3085, Vol 29(12),pp. 3072-3085.
3. S.Nayak, S.Rai, S.Pradhan, **J.K.Mantri** (July 2020), RELAS: A Reliable Patient Monitoring System using IoT”, International Journal of Knowledge-based and Intelligent Engineering Systems. ISSN 1327-2314, Vol. 24(2), pp. 83-93.
4. Nazar Abbas Saqib, AsiyaAbdus Salam, Atta-Ur-Rahman & **S Dash**, "Reviewing Risks and Vulnerabilities in Web 2.0 for matching security considerations in Web 3.0”, Journal of Discrete Mathematical Sciences & Cryptography, Taylor & Francis, 2020. ESCI, SCOPUS, ISSN 0972-0529 (Print), ISSN 2169-0065 (Online), DOI:10.1080/09720529.2020.1857903
5. Najla Al-Taleb, Nazar Abbas Saqib, Atta-ur-Rahman, **S Dash**, Cyber Threat Intelligence for Secure Smart City, Cryptography and Security, arXiv:2007.13233 [cs.CR], 2020.

6. M. Panda, **S. Dash**, A. Nayaar, R. Majid, M. Bilal, Test Suit Generation for Object Oriented Programs Using Hybrid Firefly Algorithm, IEEE Access, vol.8, pp. 179167-179188, 2020, DOI: 10.1109/ACCESS.2020.3026911, online ISSN: 2169-3536, IF- 4.098,Scopus, SCIE indexed
7. Rahman, A., **S Dash**. &Luhach, A.K., Dynamic MODCOD and power allocation in DVB-S2: a hybrid intelligent approach. Telecommunication Systems (2020) <https://doi.org/10.1007/s11235-020-00700-x>, Springer, SCI Indexed, SCOPUS, IF-1.707
8. **S. Bissoyi**, and M. R. Patra. "A similarity matrix based approach for building patient centric social networks." International Journal of Information Technology,1-7, 2021.
9. **S. Bissoyi**, and M. R. Patra. "Discovering Trending Topics from the Tweets By Odia News Media During Covid-19." International Journal of Machine Learning and Networked Collaborative Engineering, 4(2), 78-91, 2020.

B. Book Chapter

1. K. Singh, S.S.Patra, S. Samantaray, S. Jena, **J.K. Mantri**, C.Misra,(2021), “Automatic Sleep EEG Classification with Ensemble Learning using Graph Modularity”, Biomedical Signal Processing for Healthcare Applications, (CRC Press, Taylor & Francis), DOI: 10.1201/9781003147817-1
2. **J.K Mantri**, R. Mishra, and P.K Swain,(2021) “An Encryption Scheme: ECC and Arnold’s Transformation”, Strategies for e-Service, e-Governance, and Cyber Security: Challenges and Solutions for Efficiency and Sustainability (CRC, Taylor and Francis), ISBN : 978-1-77188-970-4.
3. S.Jaysingh, **J.K.Mantri** and S.Pradhan,(April 2021), Weather Predictions using Hybrid Soft Computing Models,Intelligent Systems (Springer),ISBN: 978-981-33-6081-5,pp 35-47
4. S. Biswas, **S. Dash**, LSTM-CNN Deep learning based hybrid system for real time covid-19 data analysis and prediction using twitter data, 2021. In- S. Pani, S. Dash, Wellington dos Santos, S. A. Chan Bukhari, F. Flammini, 2021, Assessing covid-19 and other pandemics and epidemics using computational modelling and data analysis, Springer.
5. A. Rahman, **S. Dash**, Ahmad M., Iqbal T. (2021), Mobile Cloud Computing: A Green perspective , In: Udgata S. K., Sethi S., Sriram S. N. (eds), Intelligent Notes in Networks and Systems, vol.185, pp:523-533, Springer, Singapore._<http://doi.org/10.1007/978-981-33-6081-5-46>.
6. K. Rupbanta Singh, **S. Dash**, B. Deka, S. Biswas, (2020), Mobile Technology Solution for COVID-19. In Fadi Al-Turjaman et al., (Eds), Emerging Technologies for battling COVID-19 applications and innovations, Springer, pp:271-294 ISBN: 978-030-60038-9, 2021
7. Panda, M. and **S. Dash** (2020), A Hybrid Metaheuristic Approach For Model BasedTesting Of Object Oriented Programs. In D. K. Mishra et al., (Ed.), ICT For Competitive Strategies (475-484), CRC Press, Taylor & Francis Group, ISBN: 978-1-003-05209-8

8. **S. Dash** (2020). Hybrid Ensemble Learning Methods for Classification of Microarray Data: RotBagg Ensemble Based Classification. In I. Management Association (Ed.), Data Analytics in Medicine: Concepts, Methodologies, Tools, and Applications (pp. 707-725), Hershey, PA: IGI Global, doi:10.4018/978-1-7998-1204-3.ch038
9. **S. Dash & Patra, B.** (2020). Genetic Diagnosis of Cancer by Evolutionary Fuzzy-Rough based Neural-Network Ensemble. In I. Management Association (Ed.), Data Analytics in Medicine: Concepts, Methodologies, Tools, and Applications (pp. 645-662), Hershey, PA: IGI Global. doi:10.4018/978-1-7998-1204-3.ch036
10. M. Panda, **S. Dash**, Test-Case Generation for Model-Based Testing of Object-Oriented Programs, In: D. Mahapatra et al., (eds) "Automated Software Testing, Foundations, Applications and Challenges", pp.1-28, Springer, DOI:10.1007/978-981-15-2455-4_3, ISBN: 978-981-15-2454-7, 2020
11. P. Mishra, S. Biswas & **S. Dash**, Deep Learning Based Biomedical Named Entity Recognition Systems, In: S. Dash et al., (eds), "Deep Learning Techniques for Biomedical and Health Informatics" published by Studies in Big Data Series (Springer), pp.23-40, vol.68, 2020. ISBN: 978-3-030-33965-4
12. J.K Mantri, R. Mishra, and **P.K Swain**, (2021) "An Encryption Scheme: ECC and Arnold's Transformation", Strategies for e-Service, e-Governance, and Cyber Security: Challenges and Solutions for Efficiency and Sustainability (CRC, [Taylor and Francis](#)), ISBN : 978-1-77188-970-4.
13. **S. Bissoyi**, and M. R. Patra. "Community Detection in a Patient-Centric Social Network." In Soft Computing Techniques and Applications, pp. 171-182. Springer, Singapore, 2021.

C. Edited Books

1. **S. Dash**, S. K. Pani, S. Balamurugan & A. Abraham, Editing a book on "Biomedical Data Mining for Information Retrieval" in Scrivener Publishing, 2021, Wiley.
2. S. Pani, **S. Dash**, S. dos Santos, W., Chan Bukhari, Flammini F., "Assessing COVID-19 and other Pandemics and Epidemics using Computational Modelling and Data Analysis", 2021, Springer. (Edited Book)
3. Book Series: **S. Dash**, Milan Tuba, S. Pani, Scrivener publishing book series entitled "Advances in Intelligent and scientific computing", 2020.

Conference/Seminar/Workshop/Symposia/Participated and Presented

1. Bishwa Ranjan Das, **Hima Bindu Maringanti**, Niladri Sekhar Dash, "Word Alignment in bilingual text for Bangla to Odia Machine Translation", Proceedings of International Conference on Language and Translating: Within and Beyond, 21-23, February, 2020.
2. Gayatri Dey, **Hima Bindu Maringanti**, "opinionsurvey: An online data collection model in Odia Language", National Language Conference- NLC 2021 held at Puri, 31st March – April 2nd 2021.

3. Bishwa Ranjan Das, **Hima Bindu Maringanti**, Niladri Sekhar Dash, “Applying POS Tagging and Word alignment in Bangla-Odia Machine Translation”, National Language Conference- NLC 2021 held at Puri, 31st March – April 2nd 2021.
4. R.Mishra, **J.K.Mantri** and S.Pradhan, “New Multiphase Encryption Scheme for Better Security Enhancement”, ICTIS, International Conference on Information and Communication Technology for Intelligent Systems, 23rd -24th April 2021(Springer), Ahmedabad
5. **S. Dash**, Participated and Presented a paper titled “Mobile Cloud Computing: A Green Perspective”, in the International Conference on Machine Learning, Internet of Things and Big data, 19th -20th September, 2020 at Indira Gandhi Institute of Sarang, India.
6. **P.K Swain**, Participated and Presented paper entitled “plant leaf identification using hogand random forest regressor” 4th international conference on smart computing and informatics (SCI-2020) organized by Department of Computer Science and Engineering, Vasavi College of Engineering (Autonomous) Hyderabad, Telangana, India during 09-10 Oct 2020.
7. **S. Bissoyi**, Participated and presented a paper on “Community Detection In A Patient Centric Social Network” in the third International Conference on Computing and Communication (IC3-2020), 13-14 July 2020, Sikkim Manipal Institute of Technology, Sikkim. (Online Mode)

Faculty Development Programme

1. **Dr. J.K. Mantri** successfully completed Week HANDS-ON Faculty Development Program on Artificial Intelligence using Python organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam in association with Brainovision Solutions India Pvt.Ltd., National Youth Council of India, Computer Society of India, and ISTE held from 14th-19th November 2020
2. **Dr. J.K. Mantri** successfully completed Online FDP on “Recent Developments in Mathematical Sciences (RDMS)” organized by the Department of Mathematics, Central University of Jharkhand, Ranchi, from 6th -10th November 2020.
3. **Dr.J.K. Mantri** successfully completed Faculty Development Programme on Recent Advances In Computational Techniques (RACT) organized online by Department of Information Technology, College of Engineering and Technology, Bhubaneswar under TEQIP-III from 19th to 23rd September, 2020.
4. **Dr.J.K. Mantri** successfully completed one week online workshop on Internet of Medical Things: Challenges and Solution conducted by Region-IV, Computer Society of India during 17th- 22nd August 2020.
5. **Dr.P.K. Swain** successfully completed Week HANDS-ON Faculty Development Program on Artificial Intelligence using Python organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam in association with

Brainovision Solutions India Pvt.Ltd., National Youth Council of India, Computer Society of India, and ISTE held from 14th-19th November 2020

6. **Dr.P.K. Swain** successfully completed Faculty Development Programme on Recent Advances In Computational Techniques (RACT) organized online by Department of Information Technology, College of Engineering and Technology, Bhubaneswar under TEQIP-III from 19th to 23rd September, 2020.
7. **Dr.P.K. Swain** successfully completed one week online workshop on Internet of Medical Things: Challenges and Solution conducted by Region-IV, Computer Society of India during 17th- 22nd August 2020.
8. **Mr.S. Bissoyi** has successfully completed One-week Faculty Development Programme on “Deep Learning and its Applications” 17th – 22th June, 2020.

Research Activity (Guidance)

A. Ph. D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	K. Lakshmana Rao	Hashed-ID Based Security In Wireless Sensor Networks	Hima Bindu M	Awarded
2	Amiya Kumar Sahoo	Text Mining Approach for Evaluating Indian Stock Market Response	J.K.Mantri	Awarded
3	Itishree Aparajita Nayak	Volatility study of Indian Stock Market using Neural Network	J.K.Mantri	Awarded
4	Mr. Sanjay Sen	Use of Learning Algorithms for the Management of Intelligent Learning Agents	S. Dash	Awarded

B. M.Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	K.K.Bhattacharya	Home Automation system using Bluetooth Technology	Hima Bindu M	Awarded
2	Mitali Madhumita Thatoi	Optimization of automatic generation of software test case using genetic algorithms	J.K.Mantri	Awarded
3	Debabrata Dehury	Stock market using soft computing techniques	J.K.Mantri	Awarded
4	Satyaban Das	(RAHTAP) Algorithm for energy constraints in wireless sensor networks	J.K.Mantri	Awarded
5	Chandan Kumar Barik	Live Stick	S. Dash	Awarded
6	Ashish Ku. Majhi	Construction of Phylogenetic Tree by Comparing the Gene	S. Dash	Awarded

		Sequences of Eukaryotes		
7	Ganesh Pr. Singh	IoT based Live Weather Monitoring System	S. Dash	Awarded
8	Jyoti Sagar Bal	Plant Leaf Identification Using HOG and Random Forest Regrasor	P.K.Swain	Completed

Awards / Medals / Recognition Received

1. Top 10 SSRN paper titled, “HIGH RESOLUTION SATELLITE IMAGE COMPRESSION USING DCT AND EZW” downloaded, as of 11 March 2021. (Prof. Hima Bindu M)
2. ACL-SIGNLL member (Special interest group on Natural Language Learning). (Prof. Hima Bindu M)
3. Chairperson of Computer Science Research Committee of the XLIV Indian Social Science Congress, March 15-19, 2021 Reviewer for Frontiers of Research in Speech and Music, FRSM 2020. (Prof. Hima Bindu M)
4. Reviewer for Malaysian Journal of Computer Science, University of Malaya -MJCS 2020.(Prof. Hima Bindu M)
5. Reviewer for International Conference on Intelligent Computing and Communication - ICICC 2020.(Prof. Hima Bindu M)
6. Reviewer for European Alliance for Innovation- EAI 2020.(Prof. Hima Bindu M)
7. Reviewer of IGI Global Publishers 2020-21.(Prof. Hima Bindu M)

Patents (Dr.S.Dash)

1. A hybrid Odiya system for search engines, Application no.201931052949, Publication Date: 03-01-2020.
2. A device for easing the anxiety of a user, Application no. 202031002202, Publication Date: 07-02-2020
3. Blockchain-based system and method for providing a platform for managing blood banks, Application No. 202031009562, Publication Date:05/03/2020

DEPARTMENT OF ECONOMICS

The post graduate department of Economics was established in the year 2004. At present the department constitutes five faculty members and around 100 students. Faculty members are actively engaged in teaching and research activity. A good number of students engaged in Ph.D work under the direct supervision of faculty members. This year 3 students have been awarded scholarship under ICSSR research fellow and RGNF scheme. In addition to regular curricular activities the department organizes in- house seminar, post-budget analysis session, welcome

ceremony for the fresher farewell function for the outgoing students, Saraswati puja, Ganesh puja and Annual function as extra-curricular activities every year.

Seminar/Conference/Workshop conducted by the Department: Nil

Research Publication

A. Journal

1. Sahoo, A. and **A.K. Patra** ‘Responsibility of Urban Local Body in the context of Sustainable Development Goals: A Case Study of Baripada Municipality’, *EPRA International Journal of Economic and Business Review*, Vol.8, No. 8, August, 2020, pp. 24-27, ISSN: 2349-0187, 2020.
2. **Mallick, M.**and Majhi, H (2020), “COVID-19 and Health Sector Challenges in Odisha”, *Orissa Economic Journal*, Vol 52, Issue-4, ISSN: 0976-5409, pp.10-22, 2020.
3. Mishra, P. A. and **Sahu, K.K.** , “Preference for LIC Policy and Social Security: A Study in Keonjhar District of Odisha”, *International Journal of Business and Management Invention (IJBMI)*, pp.44-51, Vol- 10, May 2021, ISSN (Online): 2319-8028, ISSN (Print):2319-801X, 2021.
4. Basa, S. and **Sahu, K.K.** “Trend of Growth and Productivity of Horticultural Products in India and Odisha”, *International Journal of Research and Development (IJRD)*, pp.313-323, Vol- 6, Issue- 5, May 2021, ISSN: 2455-7838 (Online), (2021).
5. Patra, S. and **Sahu, K.K.** “Digitalization, Online Learning and Virtual World”, *Horizon- Journal of Humanities& Social Sciences Research (JHSSR)*, pp.45-52, Vol-2(Special Issue), Oct, 2020, eISSN2682-9096(online), (2021).
6. **Pratap Kumar Jena**, Nexus between Climate Change and Agricultural Production in Odisha, India: An ARDL Approach, *International Journal of Environment, Agriculture & Biotechnology*, Vol. 6 (2), 136-144, (2021).

B. Book Chapter/Book

1. **Patra, A.K.** ‘Education in India with special Reference to Tribal Community of Odisha: An Overview’, in H.N.Thatoi & M.Sahoo (ed.) *Indigenous Tribes and Biodiversity Conservation*, SSDN Publications, New Delhi (ISBN: 978-93-8895-035-0), pp.101-110, (2021).
2. Chakraborty, S and **Sahu, K.K.**, “Tribal Livelihood in Mayurbhanj District of Odisha”, pp-126-139, ISBN No.978-93-8895-035-0, SSDN Publishers & Distributors, New Delhi ,2021
3. **Sahu, K.K.** “A Systematic assessment of New Education Policy”, pp.183-198, ISBN No.978-93-8895-039-8, SSDN Publishers & Distributors, New Delhi,2020
4. **Sahu, K.K.** “Industrial Sector, Unemployment and COVID-19”, pp.297-313, ISBN-978-93-89224-65-8, Kunal Books Publisher & Distributors, New Delhi,2020

5. **Sahu, K.K.** “Sustainable Development, Agriculture trade and, Agribusiness in India”, pp.55-70, ISBN No.978-93-89224-85-6, Kunal Books Publisher & Distributors, New Delhi,2020
6. **Pratap Kumar Jena** Determinants of Tribal Livelihood in the Similipal Area of Mayurbhanj District in Odisha, in H.N.Thatoi&M.Sahoo (ed.) *Indigenous Tribes and Biodiversity Conservation*, SSDN Publications, New Delhi (ISBN: 978-93-8895-035-0), pp. 273-286, (2021).

C. Book

1. Patra S, **Sahu K. K**,Pratihary S & Nanda A.P :COVID-19 Migration and Sustainable Development, Kunal Books Publisher & Distributors, New Delhi, ISBN- 978-93-89224-65-8, (2020)

Conference/Seminar/Workshop/Symposia/Participated and Presented

Dr. A.K. Patra

Attended 38th Annual Conference of Indian Association for Research in National Income & Wealth at New Delhi [in virtual mode] 26-27 September, 2020, and Presented a paper titled ‘Interrelationship between Public Expenditure and Economic Growth in Odisha: A Time Series Approach’

Dr. M. Mallick

1. Participated in International Webinar on” New Agricultural Acts, 2020- A Multidimensional Approach” organised by KIIT University on 28th November, 2020.
2. Acted as a Resource Person in National Webinar on Impact of Covid-19 on Economic Development in India” organised by IQAC,Anandpur College, Anandpur on 5th February, 2021 and delivered a talk on “Impact of COVID- 19 on MSME Sector in India”.
3. Acted as Chief Speaker and delivered a talk on the topic “COVID- 19 and its Impact on MSME Sector in India” in Webinar on” Impact of COVID-19 on Indian Economy with special reference to MSME Sector” organised by Department of Economics K. A. Mahavidyalaya, Keonjhar on 10th January, 2021

Dr. K.K. Sahu

1. Presented a paper titled “Trend and Pattern of Inter-State Migration and Impact of COVID-19In India in 53rd Annual Conference of Orissa Economic Association,12-14, Feb,2021.
2. Presented a paper titled “Challenges and Impact of COVID-19 on Micro, Small and Medium Enterprises in India”in International Virtual Conference on Retrospect and Prospects of MSMEs in the Post COVID-19, KISS University, Bhubaneswar, 25-26 June,2020.
3. Participated a Three-Day National Webinar on Covid-19 & Indian Economy organized by School of Social Sciences, Central University of Gujarat ,9-11 June 2020.

Dr. P.K. Jena

1. Participated in the International Webinar on 'Peace from Within to Global Peace in Gandhian Perspective', Organised by University of Hyderabad on 31st August, 2020.
2. Participated in 'Yoga for Unity and Well-being', 100 days of yoga program, March 14 to June 21 towards the International Day of Yoga 2021.

Faculty Development Programme

Dr. K.K. Sahu

One-week online Faculty Development Programme on Blended Learning organized by KIIT University, Bhubaneswar from 22 .06.2020 to 28.06.2020.

Research Activity (Guidance)

A. Ph. D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Anisha Sahoo	Fiscal Decentralisation and Provision of Public Services in Baripada Municipality of Odisha	A.K.Patra	Awarded
2	Himani Majhi	A Study on the Role of Infrastructure in Economic Development of Odisha	M. Mallick	Awarded
3	Puja Archana Mishra	Performance of Life Insurance Corporation of India in Keonjhar District	K K Sahu	Awarded
4	Ashutosh Dash	Economic Analysis of Badi Making by Self Help Groups in Keonjhar District of Odisha	K K Sahu	Awarded

B. M.Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Sujit Kumar Gochhayat	Growth and Economic Inequality: A Case Study of India	A.K. Patra	Awarded
2	Bishnupriya Dash	A Study of Urbanisation in Odisha	M. Mallick	Awarded
3	Runu Lata Sahoo	Manufacturing Sector in India: An Econometric Analysis	Dr. Pratap Kumar Jena	Awarded

Project

Sl No	Title of the Project	Funding Agency	Amount	Duration	PI/Co-PI

1	Climate Change and Household Vulnerability to Food Insecurity in Odisha	OSHEC, Govt. of Odisha	Rs. 362000/	2020-2022	Dr. P.K. Jena
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DEPARTMENT OF PHYSICS

The P.G. Department of Physics was established in the year 2004. Teaching in four courses namely M.Sc., M.Phil, Pre-Ph.D and Ph.D. is imparted for respective degrees. The Department is functioning in Academic Block-3 with adequate facility. Experimental works with many types of equipment for various courses are in progress and order. All faculty members are publishing papers with good impact factors with maximum 6.63. Various projects funded by different funding agencies like UGC, DST, BARC, DAECRS, IUAC etc are running by our faculty members. The areas of research include Solid State Physics, Particle Physics, Quantum Mechanics., etc.

Research Publication

A. Journal

1. Sonali Patnaik, Lopamudra Nayak, P.C. Dash, **Susmita Kar** and N. Barik, “Semileptonic B_c meson decays to S-wave charmonium states” Eur. Phys. J. Plus 135, 936, (2020).
2. L.K. Mishra, **P.S Sahoo**, B.B Mohanty, S.K Behera, R.N.P Choudhary, Antimony substituted layered perovskites for energy storing devices, International Journal of Advanced Science and Technology ISSN 2207-6360 Vol. 29, No. 7, pp. 2989-2997, (2020).
3. S. K Behera, **P. S Sahoo**, B. B Mohanty, L.K. Mishra, R.N. P Choudhary, Dielectric & impedance spectroscopy of Zirconium modified $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$, International Journal of Advanced Science and Technology ISSN 2207-6360 Vol. 29, No. 7, pp. 12315 – 12325, (2020).
4. B. Mohanty, **P.S. Sahoo**, S Behera, L.K.Mishra, J.Panda, and R.N.P.Choudhary, Dielectric and Electrical Characterization of Nd Modified BST Ceramic, International Journal of Advanced Science and Technology ISSN 0974 – 9373 Vol. 24 No. 1, 69- 82, (2020).
5. **P.S. Sahoo**, B. B. Mohanty, D. Panda, L.K.Mishra, S Behera and R.N.P.Choudhary, Electrical transport properties in Zr substituted NBT electronic system, Journal of International Academy of Physical Sciences ISSN 0974 – 9373, Vol. 23 No. 4, 2019.
6. D. Panda, B. B. Mohanty, **P.S. Sahoo**, R.N.P.Choudhary, Effect of zirconium substitution on structural, dielectric and electrical properties of lead-free $\text{Li}_{0.5}\text{Bi}_{0.5}\text{Ti}_{0.7}\text{Zr}_{0.1}\text{O}_3$ ceramics, Sustainable Humanosphere Journal, Volume 16, Issue 1, 19-31, February 2020.

7. P. Patra, **I. Naik**, S. D. Kaushik & S. Mohanta “Crossover from meta-magnetic state to spin-glass behavior upon Ti-substitution for Mn in CuMn_2O_4 ” **Under Review**
8. P. Patra, S. D. Kaushik & **I. Naik** “Effect of Ti-substitution on structure and magnetic behavior of CuMn_2O_4 ” *AIP Conference Proceedings*, 2265, 030514 ISSN: 0094-243X & E-ISSN:1551-7616, (2020).
9. S. Mohanta, **I. Naik**, S. D. Kaushik, S. Mukherjee & P. Patra “Complex dielectric, impedance and electric modulus of CuMn_2O_4 ”, *Journal of Electronic Materials*, 49(1), 842, ISSN: 0361-5235 & E-ISSN: 1543-186X, (2020).
10. U.K. Panigrahi, V. Sathe, P.D. Babu, A. Mitra and **P. Mallick**, Effect of Mg Doping on the Improvement of Photoluminescence and Magnetic Properties of NiO Nanoparticles, *Nano Ex.* 1, 020009 (2020)
11. J. Asad, **P. Mallick**, M.E. Samei, **B. Rath**, P. Mohapatra, H. Shanak, R. Jarrar, Asymmetric Variation of a Finite Mass Harmonic like Oscillator, *Results Phys.* 19, 103335 (2020)
12. **B. Rath**, **P. Mallick**, P. Mohapatra, A New Non-Hermitian Quadratic Operator Having Exact Solution, *Acta Physica Polonica B* 51 (12), 2189-2194 (2020)
13. E.A. Doutetien, A.R. Yehossou, **P. Mallick**, **B. Rath** and M.D. Monsia, On the General Solutions of a Nonlinear Pseudo-Oscillator Equation and Related Quadratic Liénard Systems, *Proc. Indian Natn. Sci. Acad.* 86 (4) 1361-1365 (2020)
14. U.K. Panigrahi, B. Sahu, H.G. Behuria, S.K. Sahu, S.P. Dhal, Shamima Hussain and **P. Mallick**, Synthesis, characterization and bioactivity of thio-acetamide modified ZnO nanoparticles embedded in zinc acetate matrix, *Nano Ex.* 2 010012 (2021)
15. S.K. Satpathy, U.K. Panigrahi, S.K. Panda, R. Biswal, W. Luyten, and **P. Mallick**, Structural, Optical, Antimicrobial and Ferromagnetic Properties of $\text{Zn}_{1-x}\text{La}_x\text{O}$ Nanorods Synthesized by Chemical Route, *J. Alloys Comp.* 865, 158937 (2021)
16. **B. Rath**, **P. Mallick**, Prachirava Mohapatra, J. Asad, H. Shanak, R. Jarrar, Position Dependent Finite Symmetric Mass Harmonic Like Oscillator: Classical and Quantum Mechanical Study, *Open Physics* 19, 266-276 (2021)
17. H. Biswal, T. Senapati, A. Haque and **J. R. Sahu**, Favorable modification of magnetic and magnetocaloric properties of $\text{La}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$ upon Ba-substitution, *Journal of Alloys and Compounds* (submitted).
18. H. Biswal, V. Singh, R. Nath and **J. R. Sahu**, Magnetic properties and near-room-temperature large magnetocaloric effect in $(\text{La}_{1-x}\text{Bi}_x)_{0.67}\text{Ba}_{0.33}\text{MnO}_3$, *Materials Research Bulletin*, 133, 111030 (2021).

2. Conference/Seminar/Workshop/Symposia/Participated and Presented

Dr. S. Kar

Delivered a talk as Resource Person in the Webinar, “High Energy Physics and its application”, Organised by Department of Physics, Seemanta Mahavidhyalaya, Jharpokharia, Mayurbhanj, Odisha on 26th August 2020.

Dr.P.S.Sahoo

Presented at XII National seminar on Ferroelectrics and dielectric -2021(NSFD-2021) by IQAC and Department of Physics, Rashtrasant Tukadoji Moharaj Nagpur University, 10-13 January-2021

Dr.P.Mallick

1. Presented in the International Virtual Conference on Advances in Functional Materials (AFM-2020), KIIT Deemed to be University, BBSR during 26-28 August, 2020
2. Presented in the International Virtual Conference on Frontiers in Manufacturing Technology (FTM-2020), KIIT Deemed to be University, BBSR during 13-14 October, 2020.

Faculty Development Programme

Dr.P.S. Sahoo

1. Attended and successfully completed a 2-Week Faculty Development Programme on "Research Methodology" from October 01- October 15, 2020, conducted by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry Of Human Resource Development, Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching and obtained grade A+
2. Participated & successfully completed TEQIP-III sponsored Five-day online Faculty Development Programme on "Frontiers in Physics Research" organized by Department of Physics, Government College Of Engineering, Bargur - 635 104 (An Autonomous Institution Affiliated to Anna University, Chennai).

Dr.P.Mallick

1. One Week Online Faculty Development Programme on "Emerging Trends in Information Technology" from 20.07.2020 to 25.07. 2020 organized by Department of Computer Science, IITM, Janakpuri, New Delhi.
2. TEQIP-III sponsored Five-day online Faculty Development Programme on "Frontiers in Physics Research" from 10-08-2020 to 14-08-2020 organized by Department of Physics, GCE, Bargur.
3. AICTE Training And Learning (ATAL) Academy Online FDP on "Photonics" from 28.09.2020 to 02.10.2020 organized at C.V. Raman Global University, BBSR.

Dr. J.R. Sahu

1. Completed online two-weeks interdisciplinary refresher course in "Materials Physics and Materials Science" with A+ grade, organised by HRDC, JNTU, Hyderabad during 07/12/20- 21/12/20.

Research Activity (Guidance)

A. Ph. D.

Sl No	Name of the Candidate	Title	Supervisor	Status

1	Dibakar Panda	Effect of Zirconium substitution on some lead free perovskite	Dr. P. S. Sahoo	Awarded
2	Laxmi kanta Mishra	Synthesis and characterization of Sb modified Barium Bismuth Titanate	Dr. P. S. Sahoo	Awarded
3	Sapan Kumar Behera	Effect of Zirconium substitution on electrical and dielectric properties of Calcium Bismuth Titanate	Dr. P. S. Sahoo	Awarded
4	Pankaj Kumar Das	Evolution of the Properties of NiO/ZnO pn Junction under Swift Heavy Ion Irradiation	Dr. P. Mallick	Awarded
5	Prachiprava Mohapatra	Study on Real Spectra Stability and Instability in Some Complex Quantum Systems	Dr. P. Mallick	Awarded
6	Uttam Kumar Panigrahi	Effect of Non-magnetic Ion Doping on the Structural and Magnetic Properties of NiO	Dr. P. Mallick	Submitted
7	Hrudananda Biswal	Investigation of magnetocaloric effect in various oxide materials	Dr. J.R. Sahu	Awarded

B. M.Phil

Sl No	Name of the Candidate	Title	Supervisor	Status
1	Debabrata Giri	Study of $Bc \rightarrow \eta_c(2S)\pi$	Dr. S. Kar	Awarded
2	Biswajit Pradhan	Nonleptonic decay of $Bc \rightarrow \psi(2S)\pi$	Dr. S. Kar	Awarded
3	Satyabrata Behera	Study of complex Impedance of $Ba_5YTi_3V_7O_{30}$	Dr. P. S. Sahoo	Awarded
4	Sidhant Sahu	The study of dielectric and conductivity properties of $Ba_5YTi_3V_7O_{30}$ vanadate	Dr. P. S. Sahoo	Awarded
5	Sapan Kumar Thayal	Study of Dielectric Property on $CuMn_2O_4$	Dr. I. Naik	Awarded
6	Biswajit Sahu	Effect of Initial Precursor on the Optical Properties of ZnO Nanoparticles	Dr. P. Mallick	Awarded
7	Avijit Behera	$MnWO_4$: A Multiferroic Material	Dr. J.R. Sahu	Awarded

Project:

Sl No	Title of the project	Funding Agency	Amount	Duration	PI/ Co-PI
1	Effect of magnetic and non-magnetic element (Zn, Al and	DST-SERB, New Delhi	Rs.39,78,000/-	27/12/2019 27/12/2022	Dr.I.Naik (PI)

	Fe) substitution on synthesis and characterization of MnTiO_3	EEQ/2019/000217			
2	Probing into the Evolution of Magnetic Structure in $\text{Ni}_{1-x}\text{A}_x\text{O}$ (A= Zn, Mg) by Neutron Scattering	UGC-DAE CSR, Mumbai	12.38 Lakhs	2017-2020	Dr. P. Mallick (PI)
3	Investigation of magnetocaloric effect in various oxides	S&T Dept., Govt. of Odisha	Rs. 9,36,000/-	3 years	Dr.J.R. Sahu (PI)

DEPARTMENT OF SANTALI

The Post-Graduate Department of Santali of Maharaja Sriram Chandra Bhanjadeo University was established in 2012 as a self financing Department and received regular status Department of the University in 2017. At present, the department offer M.A., M.Phil. and Pre-Ph.D. Course.

Research Publication

Journal

1. “**Santal Parsi Te Sechedok etketone ar solhe**”(Problem and Solution of Education in Santali Language), The Saonhed Arang, Ed – Gangadhar Hansda, Baripada, Mayurbhanj, Odisha, Vol- 5, issue- VIII, Jan-March- 2020
2. “**Enak Najar Te Abo Saonta re Badijak Ko**” (In my view, the evils in our Society), The Saonhed Arang, Ed- Sri Gangadhar Hansda, Baripada, Mayurbhanj, Odisha, Vol-5, issue-IX, April-June- 2020.

Conference/Seminar/Workshop/Symposia/Participated and Presented

Dr. J. N. Besra

1. Attended two days National Webinar on “Santali Language, Literature and Culture” I have presented a Paper “An Introduction to the Santal and Santali Language” Organized by Department of Santali and IQAC, Raipur Block Mahavidyalaya, Bankura, WB. On 3rd and 4th September 2020.
2. Attended one day National webinar “Relevance of Olchiki Scripts for Santali Language” I have delivered speech on “A Scientific Study of Santali Olchiki Scripts” organized by Department of Santali, SBSS Mahavidyalaya Goaltore, Paschim medinipur, WB on 19th Oct 2020.

Faculty Development Programme

Dr. J. N. Besra successively completed 2nd Faculty Induction Programme by UGC sponsored HRDC, Ranchi University, Ranchi from 4th January 2021 to 31st January 2021.

Research Activity (Guidance)

A. Ph. D. Nil

B. M.Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Sanjay Kumar Hembram	“Santal Saonta Re Bhandan Reya K Arichali”	Dr. Jatindra Nath Besra	2019-2020

DEPARTMENT OF ZOOLOGY

The Post-Graduate Department of Zoology of Maharaja Sriram Chandra Bhanja Deo, University is established in the year 2004. The department is bestowed with well-trained faculty having in – depth knowledge on their specialized subject domain. The faculty of the department continuously inspire the students and life science professionals to make use of their subject knowledge in bringing solution to the problems arising in nature and society like global warming, waste generation, disease occurrence and science like regeneration medicine, cancer biology etc.

Department Assistance by DST-FIST and UGC SAP

Seminars/Conference/Other activities conducted by the Department:

Department organized a Short-Term (one week) Virtual Academic Training on “CBCS Courses” on Advances in Molecular Biology’ from 1st March-6th March 2021 for Teachers of affiliated colleges under MSBD University.

Research Publication

A. Journal

1. Palei, H. S., Debata, S., **Sahu, H. K.** “Diet of Sloth bear in an agroforest landscape in Eastern India”. *Agroforestry Systems* (Springer) 94(1): 269-279, (2020)
2. Gouda, S., Singh, N., Chauhan, S., Sethy, J., **Sahu, H. K.** “Daily activity pattern of Malayan Sun bear in Dampa Tiger Reserve, Mizoram, India”. *Journal of Wildlife and Biodiversity* 4(2): 56-64. (2020)
3. Jena, S., Das, S. S., **Sahu, H. K.** “Traditional value of Red weaver ant (*Oecophylla smaragdina*) as food and medicine in Mayurbhanj district of Odisha”, India. *Int. J. for Research in Applied Science and Engineering Technology* 8(5):936-946. (2020).

4. Das, S. S., Jena, S., **Sahu, H. K.** Satpathy, O. “Ethno-entomological value and antimicrobial potency of termite (*Odontotermes obesus*) of Mayurbhanj district, Odisha” Int. J. of Creative Research thoughts 9(3) :5436-5441 (2021)
5. Sahoo, S., **Sahu, H. K.** “Studies on fish feed formulation of Indian major carp from aquatic macrophytes, *Lemna minor* and *Eichhornia crassipes* Int. J. of Current Sc. Res. and Rev. 4(3): 224- 229. (2021).
6. **Parida, P.**, Sahoo, S. Morphological, Behavioral and Biochemical changes in the Indian Major Carp *Catla catla* exposed to cadmium chloride and lead nitrate., Pranikee, volumr: XXXII (ISSN 0970-4450) (Accepted). (2020)
7. Fan ,W., Yu, M., Wang, X., Xie, W., Tian, R., Cui, Z., Jin, Z., Huang, Z., Das, B. C., Severinov, K., Hitzeroth, II., **Debata, P. R.**, Tian, X., Xie, H., Lang, B., Tan, J., Xu, H., Hu, Z. “Non-homologous dsODN increases the mutagenic effects of CRISPR-Cas9 to disrupt oncogene E7 in HPV positive cells. Cancer Gene Ther. (2021).
8. Mohapatra, S., Biswal, A. K., Dandapat, J., **Debata, P. R.** “Leaf Extract of *Nerium oleander* L. Inhibits Cell Proliferation, Migration and Arrest of Cell Cycle at G2/M Phase in HeLa Cervical Cancer Cell”. Anticancer Agents Med Chem. 21(5):649-657 (2021).
9. Pani, S., Sahoo, A., Patra, A., **Debata, P. R.** “Phytochemicals curcumin, quercetin, indole-3-carbinol, and resveratrol modulate lactate-pyruvate level along with cytotoxic activity in HeLa cervical cancer cells”. Biotechnol Appl Biochem. (2020)
10. Niu ,G., Jin, Z., Zhang, C., He D., Gao, X., Zou, C., Zhang, W., Ding, J., Das, B. C., Severinov, K., Hitzeroth. II, **Debata, P. R.**, Ma, X., Tian, X., Gao, Q., Wu, J., You, Z., Tian, R., Cui, Z., Fan, W., Xie, W., Huang, Z., Cao, C., Xu, W., Xie, H., Xu, H., Tang, X, Wang, Y., Yu, Z., Han, H., Tan, S., Chen, S., Hu, Z. “An effective vaginal gel to deliver CRISPR/Cas9 system encapsulated in poly (β -amino ester) nanoparticles for vaginal gene therapy”. EBio Medicine. (2020).
11. Khan, A., Sailo, S., **Mahapatra, C.** “*Sphaerotheca rolandae* (Roland’s Burrowing Frog) and *Uperodon globulosus* (Indian Balloon Frog)”. Interspecific Amplexus. Herpetological Review 51(2):307, (2020)
12. Mohapatra, P. P., Khandekar, A., Dutta, S. K., **Mahapatra, C.**, Agarwal, I “A novel, diminutive *Hemiphyllodactylus* Bleeker, 1860 (Squamata: Gekkonidae) from a sacred grove in Odisha, eastern India”. Zootaxa 4852: 485-499(2020)
13. Sarkar, V., **Mahapatra, C.**, Mohapatra, P. P., Nair, M. V. “Additions to the cicada (Insecta: Hemiptera: Cicadidae) fauna of India: first report and range extension of four species with notes on their natural history from Meghalaya”. Journal of Threatened Taxa 12: 16021-42 (2020)
14. Khan, A., **Mahapatra, C.** “Anophthalmia in a Common Asian Toad, *Duttaphrynus melanostictus* (Amphibia: Anura: Bufonidae), from the Eastern Ghats of India”. IRCE Reptiles and Amphibians. 27 (1): 44-45 (2020).

B. Chapter in an Edited Book

1. Jena. S., Das, S. S. and **Sahu, H. K.** “Traditional value and antibacterial activity of microtermite (*Odontotermes obesus*) of Mayurbhanj district, Odisha, India. Edited book “Biodiversity Conservation and Livelihood Management”, (Editors: Prof. H. N. Thatoi and P. R. Debata), (ISBN 978-81-7035) Page no: 205-213, Daya Publishing House® A Division of Astral International Pvt. Ltd. New Delhi – 110 002. (2021).
2. **Parida, P.**, Sahoo, M. “Effect of Zinc Chloride and Nickel Chloride on Morphology of Tadpole of *Duttaphrynus melanostictus*, *Euphlyctis cyanophyctis* and *Microhyla ornata*, chapter 16, Biodiversity conservation and Livelihood Management, (Edited by H.N. Thatoi and P.R. Debata), Daya Publishing House, A division of Astral International Pvt Ltd, New Delhi, 197-204 (ISBN 978-93-88982-00-9 ,)(2021).
3. Mohapatra, S., **Debata, P. R.** “Derived Anticancer Agents and Future Perspectives”. In Edited book “Biodiversity Conservation and Livelihood Management”, (Editors: Prof. Hrudayanath Thatoi and Dr. Priya Ranjan Debata), (ISBN 978-81-7035) Page no: 101 - 113, Daya Publishing House® A Division of Astral International Pvt. Ltd. New Delhi – 110 002. (2021)
4. Dutta, S. K., Mohapatra, P. P., Dash, P. K., **Mahapatra, C.**, Mishra, A. K. “Ensuring Biodiversity Conservation and Local Livelihood Outside Protected Areas in Odisha: A Critical Analysis. In Edited book “Biodiversity Conservation and Livelihood Management”, (Eds. H. N. Thatoi and P. R. Debata), (ISBN 978-81-7035) Page no: 343 - 355, Daya Publishing House® A Division of Astral International Pvt. Ltd. New Delhi – 110 002.(2021)
5. Giri, K. S., **Moahnty, G.** “Microbial Bio pesticides an Opportunity for Improvement of Livelihood Generation” In Edited book “Biodiversity Conservation and Livelihood Management”, (Eds: H. N. Thatoi., P. R. Debata), (ISBN 978-81-7035) Page no: 419 - 432, Daya Publishing House® A Division of Astral International Pvt. Ltd. New Delhi – 110002 (2021)
6. **Mohanty, G.** Das, R., Behera. A., Malik, J. “Transgenic Approaches for Improving Phytoremediation Potential” in Bioremediation and Phytoremediation for Sustainable Soil Management. Accepted for publication in Springer Nature (Accepted) (2021)

C. Book Edited

1. Thatoi, H. N and Debata, P. R. Biodiversity Conservation and Livelihood Management ISBN 978-81-7035, Daya Publishing House® A Division of Astral International Pvt. Ltd. (2021).

D. Book

1. Panda, A. Mishra, R. K., **Sahu, H. K.** “Lentic Water Ecosystem : A potential source of aquatic Biodiversity”. ISBN: 978-93- 86714-71-8). Kunal Books Publisher and Distributors, New Delhi 2021(In Press) (2021).

2. Sethy, J., Gouda, S., **Sahu, H. K.** Chauhan, N. S., Parida, A. “Mammals of Dampa Tiger Reserve, Mizoram”. (ISBN: 978-93- 86714-74-9). Kunal Books Publisher and Distributors, New Delhi (In Press) (2021).

Patent Filed

Gargee Mohanty & Ayusman Behera . A Novel Cost Effective Process of Conversion of Fish Visceral Waste to Organic Liquid Manure. Official Journal of the Patent office, India; 202131000041, 2021. Page-5389.
Available from: https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4949_1/Part-1.

Conference/Seminar/Workshop/Symposia/Participated and Presented

Prof. Hemanta Kumar Sahu

1. Resource person in live Webinar on topic “Scopes and Challenges in Wildlife Research” organized by “Grow with Nature”, Bhubaneswar held on 5th July 2020.
2. Resource person in State Level Seminar on “Environment Management: A Biodiversity Perspective in Odisha” organized by Utkal University on 25th July 2020.
3. Co-Convenor in the International Day for Biological Diversity organized by MSCB University, Baripada on 22nd. May.2021.

Dr Puspanjali Parida

1. Resource person in an International Virtual Conference on “Vermicomposting and Organic Farming” organized by Narasingh (Autonomous) College, Jajpur from 29-30th August 2020
2. Participated in a National Webinar on “Recent Advances in Animal Sciences (Neuroscience and Nanobiotechnology)” organized by Department of Zoology, Kalahandi University, Bhawanipatna, Odisha(India), on May 31,2021.
3. Participated in Online National Awareness Workshop on “UGC-DAE CSR Facilities” organized by UGC-DAE Constorium for Scientific Research, Mumbai centre & SWAYAM Cell, HNB Garhwal University, Srinagar-Garhwal, Uttarakhand from 9th-12th November 2020.
4. Participated in an International Webinar in Biotechnological Innovations in 21st Century, Organised by the Department of Biotechnology, Maharaja Sriram Chandra Bhanja Deo University, from 19th-20th March 2021.
5. Participated in an International Webinar on “Opportunities and Research Trends in Biotechnology” organized by Department of Biotechnology, College of Agriculture and Technology, Bhubaneswar from 16th - 19th Nov 2020.

Dr Priya Ranjan Debata

1. Resource person in Webinar on “Emerging frontiers for healthcare and delivery” on 12th and 14th September, 2020. KIIT University, Bhubaneswar
2. Resource persons in International webinar on Biochemical and Biomedical approach on Covid 19, November 07, 2020, Department of Chemistry, UN College, Soro, Balasore

Dr Cuckoo Mahapatra

1. Resource person in Webinar on “Emerging frontiers for healthcare and delivery” on 12th and 14th September, 2020. KIIT University, Bhubaneswar
2. Participated in One Day National Webinar on “Digital Learning in and beyond COVID-19” organized by Raghunath Girls’ (P. G.) College, Meerut, U. P. on 7th June 2020.
3. Participated in Online Webinar on “Loss of Biodiversity and Solutions: Case Studies from Globe” organized by Indira Priyadarshini Govt. P. G. College of Commerce, Haldwani 27th July 2020.
4. Participated in Participated in Online Webinar on “Loss of Biodiversity and Solutions: Case Studies from Globe” organized by P.G. Department of Biosciences and Biotechnology, Fakir Mohan University, Balasore, Odisha, India, 28th - 29th July 2020.
5. Participated in National Webinar on “Faunal Diversity of Central India”, organized by Zoological Survey of India, Jabalpur, Madhya Pradesh, 27th August, 2020.
6. Participated in National Education Conclave on “Reimagining University Education, with a Heart-centered approach” organized by Heartfulness Education Trust, 12-13th January, 2021.

Dr Gargee Mohanty

1. Resource person in a “A State Level Webinar on Molecular Basis of RNA Vaccine Against Covid -19, organized by IQAC Cell and Department of Zoology, Remuna Degree College, Balasore , Odisha, on 4th Nov 2020.
2. Resource person in a “A Training Programme on Organic Fertilizer Management in Crops on the Topic ‘Certification and Marketing of Organic Products (Farms and Products)’ organized by Agriculture Technology Management Agency (ATMA); Government of India, on 24th Feb 2021
3. Participated in “National Webinar on Quality Shrimp Seed and Assessment through PCR Techniques & Inland Cage Culture”, organized by Marsco Aqua Clinics – Aqua One Centre, Balasore. 12th June 2021.
4. Online National Work shop (Equivalent to a Regular National Workshop) of 2 days at Guru Angad Dev Teaching Learning Centre, University of Delhi, A centre of MHRD under PMMMNMTT, on Online Teaching Learning using LMS – Moodle. 24th -25th July 2020

Faculty Development Programme

1. **Dr. G .Mohanty**, successively completed ‘Faculty Development Programme through MOOCs mode of 12 weeks from NPTEL-AICTE from Sept –Dec 2020.

Research Activity (Guidance)

A. Ph. D.

Sl No	Name of the Candidate	Title	Supervisor	Status
1	Mrs. Deepali Mohanta	A study on antimicrobial properties of some insect associated fungi of rice fields in and around Similipal Biosphere Reserve.	Prof. H.K.Sahu	Awarded
2.	Ms. Nibedita Mohapatra	Effect of furadan, vitamin A and curcumin on antioxidant system of the earthworm, <i>Eudrilus eugeniae</i>	Dr. P. Parida	Awarded
3.	Ms Shubhasmita Mohapatra	Screening, Isolation and Characterization of Some Selected Plants from Northern Regions of Odisha having Anticancer Properties in Glioblastoma	Dr. P. R. Debata	Submitted
4.	Ms. Sarita Pani	Anticancer effects of selected phytocompounds on B16F10 melanoma cell	Dr. P. R. Debata	Submitted

B. M. Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Ms, Jyotirmayee Sahu	Anti angiogenic effect of Homalium nepaleanase in Chick Chorioallantoic membrane model	Prof. H.K. Sahu	Awarded
2	Mr. Pratik Kumar Rath	Isolation, characterization and probiotic properties of bacitracin producing <i>Lactobacillus rhamnosus</i> .	Prof. H.K. Sahu	Awarded
3.	Ms. Ankita Mohanty	Isolation, characterization and probiotic properties of bacitrocin producing <i>Lactobacillus brevis</i>	Prof. H.K.Sahu	Awarded
4.	Ms. Sayeda Fauzia Manowar	Effect of Triazaphos on the Survival, Morphology and Biochemical responses of <i>Eudrilus eugeniae</i>	Dr P.Parida	Awarded
5.	Mr. Soumya Ranjan Mohanty	Effect of Chlorpyrifos on the Survival, Morphology and Biochemical responses of <i>Eudrilus eugeniae</i>	Dr P.Parida	Awarded

6	Ms. Shubhalakshmi Pattanayak	Comparative study on the anti-angiogenic activity of six selected phytocompounds in Chick Chorioallantois Membrane model	Dr P. R. Debata	Awarded
7.	Ms. Diptimayee Patra	Role of nitrosative stress during tail regression in tadpoles of <i>Polypedates maculatus</i> ”	Dr C. Mahapatra	Awarded
8.	Ms. Smitashree Gouda	Efficacy of Freshwater Fish Waste Fertilizer on the Growth of Cowpea (<i>Vigna Unguiculata</i> L.) in terms of Physical and Biochemical Parameters.	Dr G. Mohanty	Awarded

Project

Sl. No	Title of the project	Funding Agency	Amount	Duration	PI/ Co-PI
1	Integrated Micro Watershed Management plan in Similipal Tiger Reserve using Remote Sensing & GIS	Similipal Tiger Reserve, Govt. of Odisha	11,62,000/- 4,54,000/- (for 1 st year) 3,79,000/- (2 nd year)	3 years (Sanctiond for 1 st year only) 2 nd year	Prof. H.K.Sahu (PI)
2	Population status,spatial distribution & conservation of small carnivoresin Similipal Tiger Reserve,Baripada,Mayurbhanj, Odisha	Similipal Tiger Reserve, Govt. of Odisha	11,45,500/- 3,96,500/- (for 1 st year)	3 years (Sanctiond for 1 st year only) 2 nd year	Prof. H.K.Sahu (PI)
3	Study on ecological implications in Similipal Biosphere Reserve using Biodiversity Indices	Similipal Tiger Reserve, Govt. of Odisha	16,49,000/-	3 years	Prof. H.K.Sahu (PI)
4.	Effect of Antioxidant and Pesticide on Earthworm and its implication	DST, Odisha	7.91 Lakh	3 Years Completed (2017-2020)	Dr P. Parida (PI)

5.	Study on the frequency distribution pattern of mutated Isocitrate dehydrogenase 1/2 (IDH1/2) of glioma patients of Odisha and characterization IDH1/2 mutations in regulating cellular metabolism.	DST, Govt. of Odisha	10 Lakhs	3 years	Dr. P.R. Debata (PI)
6.	Comparative transcriptome analysis of blastemas of regenerating and regeneration-deficient limbs of Indian tree frog <i>Polypedates maculatus</i> (Gray, 1830)	DST-SERB, Govt. of India	47.5 Lakhs	3 Years Completed (2018-2021)	Dr. C. Mahapatra (PI)
7.	Conversion of fish waste as a plant growth supplement	DST, Govt. of Odisha	10 Lakhs	3 years	Dr. G. Mohanty (PI)

Awards / Medals / Recognition Received: Nil

II. 2nd Campus, Keonjhar

DEPARTMENT OF ENGLISH

The P.G. department of English is a regular department of Maharaja Sriram Chandra Bhanjadeo University functioning at its Keonjhar campus since its inception in 2017. The department offers two courses: M.A. and MPhil. The aim of the department is to enable students to analyse and interpret literature by locating it in the larger world. The department also aims to foster research in literature by learning from and engaging with humanistic disciplines and the social sciences. While keeping ourselves abreast of global trends in research, we will seek to ensure that local concerns and issues are seriously explored and addressed.

Currently there is one regular faculty member in the department, Shaswat Panda (assistant professor). There is also one tenure-based faculty member, named Padmalochan Sahu (assistant professor). In the academic session 2020-21, a total of 40 students were admitted in the M.A. programme against 40 seats. 01 student took admission in the MPhil programme against a total of 01 seats.

Seminars/Conference/Other Activities conducted by the Department:

1. 9-part **National Webinar Series** titled “**Perspectives on History of English Literature**” (held from 6 July–21 August 2020).
2. Occasional Webinar titled “Literature and the Uses of History” (held on 1 August 2020).
3. Occasional Webinar titled “Journalism: Reporting Stories, Drafting History” (held on 1 August 2020).
4. 2-Part online Lecture Series titled “Approaching Cultural Studies” (held on 11 and 18 August 2020).
5. Occasional Webinar titled “To Ban or not to Ban: How were Texts Censored in Colonial India” (held on 12 August 2020).
6. Eight-Part International Webinar Series titled “Gandhi’s Legacy: Reflections and Reappraisals” (held from 22 September 2020–29 October 2020)
7. Online Lecture titled “The Curious wanderer: Jalandhar Dev and his Tour to Sri Lanka (held on 28 November 2020)
8. Online Lecture titled “A Tale of Two Trees, or How India Took to the Book” (held on 19 March 2021)
9. Online Book Release and Discussion of *Mashani Sahar Delhi* (held on 18 April 2021)

Research Publications:

1. **Shaswat Panda**, ‘Modernity of Tradition: Visual Art in the Odia Magazine *Arati*’. *Muse India*, Issue 92, Jul – Aug 2020. ISSN: 0975-1815.
2. **Shaswat Panda**, ‘The End of an Era: The Life and Career of Dietmar Rothermund (1933–2020)’. *MargAsia: Journal of Centre for Asian Studies*, Vol. 8(1), 33–35, Summer 2020. ISSN: 2349-5081.

Conference/Seminar/Workshop/Symposia attended:

1. ‘Lytton Strachey’s Eminent Victorians: Florence Nightingale’, Invited Speaker at Department of English, Midnapore Autonomous College, West Bengal, May 2021.
2. ‘Who Reads a Book Review and Who Writes One? The Relevance of Reviews’, Invited Speaker at National Webinar on “Writing a Book Review”, Department of English, Salipur Autonomous College, Odisha, March 2021.
3. ‘Texts and Tribes: The Tribal as an Object of Knowledge in Odisha, 1950–61’, Invited Speaker at International E-Conference on “Re-thinking the Postcolonial: Texts and Contexts”, Department of English, Assam University, Silchar, September 2020.

4. 'Empire, History, and Identity: An Introduction to Postcolonialism', Resource Person at National Webinar, Department of English, Rabindra Mahavidyalya, Champadanga, Hooghly, West Bengal, August 2020.
5. 'The Story of Jagannath: Ethos, Popular Culture and Identity', Invited speaker at Live Seminar conducted by ITDM, 15 May 2020.

Research Activity (Guidance):

A. Ph.D.: Nil

B. M. Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Smaranika Behera	Two Histories of English Literature in Odia	Shaswat Panda	Awarded

DEPARTMENT OF ODIA

P.G department of Odia was established in the academic session 2017-2018 at Keonjhar, the 2nd campus of North Orissa University with three faculty positions – one Professor, one Associate Professor and one Assistant Professor. The department offers P.G, M.phil, and Ph.D courses in odia with the intake capacity of 40 seats in P.G, 06 seats in M.phil, and 20 seats in Pre- Ph.D. The motto of the Department is to create a Noble Society through Learning of mother language and Literature. As Keonjhar is a Tribal District, the department will try to promote tribal culture and Oral Literature of the district as far as possible.

Seminars/Conferences/Other Activities Conducted by the Department: 2020-2021

1. National Seminar, Topic “1980 ParabartiOdiaKabita; angika O AtmikaDiganta” held on 28.02.2020
2. National Webinar, Topic : “ Odia Bhramana Bruttant: Atita O Bartaman” held on 24.08.2020
3. National Webinar, Topic : “ Odia Katha Sahitya re Prakrutika biparjayara Chitra” held on 21.12.2020
4. National Seminar, Topic – “ Loka sahitya Gabesana re Kshetra Adhyayan Bhumika O Prakriya” held on 27.02.2021
5. Pre-ph. D Class room Seminar, Topic :
 - (i) Balaswar ra Dadhinatya Parampara
 - (ii) Pradumna Senapati nka Kabitare Chitrakalpa, held on 20.03.2021

Research Publication:

A. Journal

1. **Mahapatra. B**, ‘Paribesa Samalochana’- KONARK, Sahitya Academy, BBSR Jan-Mar Page 20-29,2020
2. **Mahapatra. B**, Paribesa Samalochana O Odia Kabya Parampara - JHANKAR – June 2020, Page- 176to 181
3. **Mahapatra. B**, Gobardhana ra Swarupa Bichar: Prasanga Nata ra Gobardhana Nabaraga – Puja 2020, Page- 210 to 213
4. **Mahapatra. B**, Tapaswini kaby re Pakhi Samajara Chitra– PRIYAMBADA- Aug 2020, Page – 51 to 60
5. **Mahapatra. B**, Anamika Mananka Banchhita Adhikar ra- Chamatkara Natyarupa: Anagita Janasudha ISBN-2321-9890- Jan-Mar 2021, Page 13 to 16
6. **Mahapatra. B**, Jagadish Mohanty nka Kaniska Kaniska: Eka Abalokana – JHANKAR, Feb-2021, Page- 866 to 869
7. **Behera. S**, Yubamanasara Biswasta Sambadpatra: Samaj – Daily Samaj, 31 October,2020
8. **Behera. S**, Smaraniya Byaktitwa : Matlub Ali – Ananta Nirjhara, Puja Issue – 2020
9. **Behera. S**, Adhunya Yugara Baitalika :- Chandramohan Maharana- Chandramohan Parikrama, { Ed. Arabinda Giri } Odisha Sahitya Akademi,, BBSR, ISBN_ 978-93-87637-67-2, 2020
10. **Behera. S**, Odia Anubad Sahitya re Gandhi – KONARK Odisha Sahitya Akademi, BBSR, Issue196 , 2021
11. **Behera. S**, Prachya Pachatya re Rammohan Charcha- JHANKAR , January-2021

B. Book

1. **Mahapatra. B** *Odia Katha Sahityara Bibha O Bibidhata*’ ISBN-81-8118-275-8, Satanarayana Book Store, Cuttack, 2020
2. **Mahapatra. B** ‘*OdiaNatyaSahitya ;Bichar O Bislesana*’ ISBN -818118-276-6, Satanarayana Book Store, Cuttack, 2020
3. **Behera. S**, *Sarat kumara Acharyanka Padyalochana* –(Ed) Bijayenee Publications , Cuttack, ISBN – 978-93-88422-94-9, 2020.
4. **Behera. S**, *Devi Choudurani* (Translation Book) – Friends Publishers, Cuttack- 2020 ISBN: 81-7401-956
5. **Behera. S**, *Ganamadhyam O Ganajogajog* – (Text Book) – Friends Publishers, Cuttack- 2020 ISBN : 81-7401-969-3
6. **Behera. S**, *Kabya Bichar*- (Book) – Odisha Sahitya Akademi, BBSR – 2021, ISBN : 97893-87637-931

C. Book Chapter:

1. **Mahapatra. B**, Sarata Kumari Acharjya Nka Anwesha Abirata: Eka Drustipat, Book Chapter “Sarat Kumari Padyalochana” Ed. Dr. S. Behera ISBN-978-93-88422-94-2 , Bijayinee Publication, Cuttack, Jan 2020, Page. 36-43

Conference/Seminar/Workshop/Symposia/Participated and Presented

Dr.BabrubahanMohapatra

1. Presided over the National Seminar on the topic- “ Loka Sahitya re Kshetra Adhyana ra Bhumika O Prakriya” Organised by P.G.Deptt. of Odia MSCBU, 2nd Campus, Keonjhar on 27.02.2021
2. Attended as Guest of honour in the annual day of Punarnaba Sahitya Sansad, Kendrapada on 26.01.2021
3. Attended as Chief Speaker in the International Mother Language Day Celebrated by D.D.Auto College, Keonjhar on 02.03.2020
4. Attended as Chief Guest in the Radhanath Rath Jayanti Organized by Distric Samaj Office Keonjhar on 06.12.2019
5. Attended as Chief Guest in the Annual Function Janghira College, Keonjhar on 27.02.2020
6. Presided over the National Webinar on ‘Odia Bhramana Bruttanta’ Organised by P.G.Deptt. of Odia, MSCBU, 2nd Campus, Keonjhar on 24.08.2020
7. Attended as Speaker/resource person in the State Level Webinar ‘Odia Sahitya re Gandhi’ organised by Barpali College, Bargarh on 22.12.2020
8. Presided over the National Webinar on the topic – Odia Katha Sahitya re Prakrutika Biparjaysra Chitra Organised by P.G. Deptt. of Odia MSCBU, 2nd Campus, Keonjhar on 21.12.2020
9. Attended as Chief speaker in the National Webinar “ Gangadhar nka byaktitwa O Kabitwa” Organised by ‘ Swami Vibekananda Loka Sansad’,Bargarh on 21.12.2020
10. Attended as Chief Speaker in the Book inaugural Ceremony of ‘Mitha Mitha Dukha’ Organised by “ Milani sahitya sansad”, Keonjhar on 20.12.2020

Dr Sisira Behera

1. Paper Presented, International Seminar Karanjia Auto. College , Mayurbhanj, 10 January 2020
2. Paper Presented, National Seminar , North Orissa University , 2nd Campus Keonjhar, 28 January 2020
3. Paper Presented, International Seminar , Utkal University, Bhubaneswar, 9 February 2020
4. Paper Presented, National Seminar OdishaSahitya Akademi & , Fakirmohan University Balasore 17 February 2020
5. Annual Function.Chief Guest AnchalikPanchayat College, Sujanpur, Jajpur, 14 February 2020
6. Attended Inter National Webinar Fakirmohan Foundation ,New Delhi, 14 June 2020

7. Attended National webinar (Coordinator) North Orissa University, Keonjhar , 24 August 2020
8. Attended National Webinar (Coordinator) North Orissa University, Keonjhar , 21 December 2020

Research Activity (Guidance)

C. Ph. D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Sambita Pradhan	Kathakar Manoj Das nkaUpnyasaJagata: EkaAnusilana	Dr. B. Mohapatra	Awarded

D. M.Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Sradhanjali Sahoo	Galpika Hemanta Ghosalnka Galpa kala	Dr. B. Mohapatra	Awarded
2	Karunakar Singh	Monalisa Mishranka Galpa Manasa	Dr. B. Mohapatra	Awarded
3	Minati Biswal	Sailaja Rabinka Kabita : Baidika Abedana O Loka katha ra Adhuniki Karana	Dr. S. Behera	Awarded

Awards / Medals / Recognition Received

Dr. Babrubahan Mahapatra

1. Received ‘ Basudhaiba Prabandha Sahitya Samiksya Samman’ from Punarnaba Sahitya Sansad, Kendrapada on 26.01.2021

Dr. Sisira Behera

1. Received ‘ Haji Asraf Ali Udaya Prativa Puraskar’ – Fakir Mohan Sahitya Parisad, Balasore- 14 Jan-2020
2. Received ‘ Swarnaprava Mishra Smaraki Aruna Sahitya Samman’ Arunoday Nagar Nagarika Parisad, Cuttack- 10th Feb 2020
3. Received ‘ Sambardhana’ Anchalik Panchayat Mohavidyalaya – Sujanpur, Jajpur- 14th Feb 2020
4. Received ‘ Baikuntha Nath Yuva Saraswat Samman’ , Sri Baikuntha Bartabaha Samiti, Jagatsinghpur-2021

The Post-Graduate Department of Sanskrit of Maharaja Sriam Chandra Bhanjadeo University, Keonjhar Campus was established in the year 2017. The department is bestowed with two well-trained faculty members. Dr Hiralal Dash is associate professor and HoD. Dr Nibedita Pati is an assistant professor.

Department Assistance by DST-FIST during 2020-21: NONE

Seminars/Conference/Other activities conducted by the Department: Nil

Research Publication

A. Journal

Publications of Dr Hiralal Dash

1. An Article entitled **नाटककी उत्पत्ति और प्रयोजन** in “**Jyotirveda - Prasthanam**” Vol – **नवमवर्ष, प्रथम अङ्क** a peer reviewed research journal (UGC listed) research journal, Published by Bharatiya Jyotisham, Laharpur, Bhopal, M.P in March-April 2020 with ISSN 2278 – 0327. **Page No. 20-21.**
2. An Article entitled **ध्वन्यालोक ग्रन्थ में समवाद विचार** in “**Jyotirveda - Prasthanam**” Vol – **नवमवर्ष, तृतीय अङ्क** a peer reviewed research journal (UGC listed) research journal, Published by Bharatiya Jyotisham, Laharpur, Bhopal, M.P in July-August 2020 with ISSN 2278 – 0327. **Page No. 25-26.**
3. An Article entitled **भारते विद्यमानेषु शक्तिपीठेषु काञ्चीपुरस्य वैशिष्ट्यम्** in “**Swarnasundaram**” a peer reviewed research journal, Published by The Banaras Mercantile Co., (An International Publisher and Exporter), Kolkata in July 2020 with ISBN 978-81-86359-88-5. **Page No. 755-758.**
4. **Book Chapter/Book**
Dr Hiralal Dash
7. Name, title, ISSN/ISBN No, publisher, year.
Kavyasastre Sampradaya vadavimarsha, ISBN 978-93-5437-569-9, publisher Tatwamasi Publication, Baripada, Mayurbhanj, January 2021 (**book**)

Conference/Seminar/Workshop/Symposia/Participated and Presented

Dr Hiralal Dash

1. Attended one day **National Webinar** as a resource person on “Ecological Awareness in Sanskrit Literature” Organized by the P.G dept. of Sanskrit, Utkal University, Vani Vihar, BBSR, Odisha on June 08th 2020 and delivered a lecture entitled **“संस्कृतवाङ्मये पर्यावरणस्य संरक्षणोपायः.”**
2. Attended Three days **National Level Webinar series 2** as a resource person on “KAVYASASTRAM” Organized by Vyasasri group of MVNRI, Odisha from June 18th – 20th 2020 and delivered a lecture entitled **“वक्रोक्तिकाव्यजीवितम्.”**
3. Attended Two day **International Webinar on** “Relevance of Yogasastra in modern context” Organized by the Department of Sanskrit, Srikrishna College, Bagula, Nadia, West

- Bengal, from July 03rd - 4th 2020 and presented a research paper entitled **“YoghaKarmasuKausalam (Kalidasasahityasandharbhe).”**
4. Participated one day **International Webinar on** “Elements of Eradication of COVID-19 in Sanskrit Literature-**करोनासङ्क्रमणनिराकरणेसंस्कृतवाङ्मयेउपादानानि** Organized by the Department of Sanskrit, Y.S.P Mahavidyalaya, Purba Medenipur (WB) on 03rd August (6 hrs) 2020 .
 5. Participated one day **International Webinar on** “ Sanskrit studies across the world Organized by the Department of Sanskrit, Kharagpur College, Kharagpur, West Bengal) on 06th August 2020 .
 6. Participated one day **International Webinar on** “Usefulness of Yoga in Human Welfare – **मानवकल्याणाययोगस्यप्रयोजनम्** organized by the Department of Sanskrit, in collaboration with Dept. of Philosophy, Ramnagar College, West Bengal) on 28th August 2020 .
 7. Participated two day **International Webinar on** “Philosophy, Religion and culture in ancient & medieval indian tradition , organized by the Department of Sanskrit, in collaboration with IQAC, SCBC college, West Bengal) on 03rd - 04th September 2020 .
 8. Participated two day **International Web-Sangosthi on** “The Vedic literature in Modern times – **आधुनिकसन्दर्भेवैदिकवाङ्मयस्योपयोगिता**, organized by the Department of Sanskrit, in collaboration with IQAC, Panchumura Mahavidyalaya, (Affiliated to Bankura University), West Bengal) on 15th - 16th September 2020, and also presented a research paper on – “ **आधुनिकयुगेसमुचितशिक्षायाःविकासेउपनिषदायोगदानम्** ”.
 9. Participated two day **International Webinar on** “Recent Trends in Contemporary Sanskrit literature, organized by the Department of Sanskrit, in collaboration with IQAC, Sripat Singh college, Mushirabad, West Bengal on 19th - 20th September 2020 .
 10. Participated one day **National Webinar on** “Poetic and logical beauty in Sanskrit Shastras : an overview, organized by the Department of Sanskrit, Nathaniyal Murmu Memorial College, Tapan, Dakshin Dinajpur, West Bengal on 25th September 2020 .
 11. Participated one day **अन्तरराष्ट्रीयवेबसङ्गोष्ठी** on “**गान्धीदर्शनःविविधआयाम्**, organized by the Department of Sanskrit, Gargi Mahavidyalaya (Under University of Delhi) Delhi on 03rd - October 2020 .
 12. Participated one day **State level Webinar on** “Necessity of moral teaching in present education system, organized by the Department of Sanskrit, EGRA S.S.B. college, West Bengal on 14th October 2020 .
 13. Participated one day **National level Webinar on** “Role of AAC in higher education, organized by D. Mahavidyalaya, Parbhani, Shivaji college, Latur, Y. Mahavidyalaya, Dist – Beed on 09th November 2020.
 14. Participated one day **International Panel discussion on** “Essentials of Ayurveda in present future and future situation, organized by **अखिलभारत-अमृतवाणी-सेवाप्रतिष्ठानम्**, Balasore on November 2020.
 15. Attended one day **National Seminar on** “**शब्दशक्तिविमर्शः**” Organized by the P.G dept. of Sahitya, Central Sanskrit University, Sriraghunath Campus, Devprayag, Uttarakhand, on February 21th 2021 and presented a paper entitled **“लक्षणाशक्तेःसम्बन्धाःतस्याःषड्भेदाश्च.”**

Dr Nibedita Pati

1. Participated in International Webinar organized by School of Education, North Orissa University on the topic entitled as “The new normal for higher education during post covid-19: access, quality and relevance” held on 7th July 2020.
2. Participated in International Webinar organized by Yogada Satsanga Palpara Mahavidyalaya, West Bengal, on the topic entitled as “Elements of eradication of Covid-19 in Sanskrit Literature” held on 3rd August 2020.
3. Participated in International Webinar organized by Kharagpur College, West Bengal on the topic entitled as “Sanskrit studies across the world” held on 6th August 2020.
4. Participated in national Webinar organized by Kharagpur College, West Bengal on the topic entitled as “New horizons of Indian Literature” held on 5th & 6th July 2020.
5. Presented a paper entitled as “DEBANAM STHANABASISTYAM” in Maharsi Visvamitra Veda-Vedanga Workshop-cum-National Webinar organised by Panjab University, Sadhu Ashram, Hoshiarpur from 25.03.2021 to 31.03.2021.

Faculty Development Programme

Dr Nibedita Pati Participated in the UGC-HRDC Online Faculty Induction Programme organised from 15-02-2021 to 16-03-2021 and obtained “A” Grade.

Research Activity (Guidance)

E. Ph. D.

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Mr.Pankaj Kumar Mahana	मनुयाज्ञवल्क्यस्मृतिग्रन्थेगरुडपुराणेचनिरूपितानांदण्डनीतीनांतुलनात्मकमध्ययनं समीक्षणं च	Dr Hiralal Dash	Awarded
2	Deepanjali Bhanja	मनुयाज्ञवल्क्यस्मृतिग्रन्थेगरुडपुराणेचनिरूपितानांदण्डनीतीनांतुलनात्मकमध्ययनं समीक्षणं च	Dr Hiralal Dash	Awarded
3	Kabita Ray	Agriculture and Management in Arthashastra	Dr Hiralal Dash	Submitted
4	Priyanka Mohanta	A Critical Study on the Mahakavya and Khandakavya of Prafulla Kumar Mishra	Dr Nibedita Pati	Submitted
5	Nilimesh Mahata	The Sanskrit Poetry of Prafulla Kumar Mishra and Sitanath Acharya	Dr. Nibedita Pati	Submitted
6	Alisha Biswal	A critical study on Sanskrit short poems of P.K. Mishra	Dr Nibedita Pati	Submitted

F. M.Phil

Sl. No	Name of the Candidate	Title	Supervisor	Status
1	Itishree Swain	Buddhachritamahakavyasyapratham asargeTingantapadanamvimarshah	Dr Hiralal Dash	Awarded
2	Suchismita Ray	BhaminibilasakavyeeTingantapadanamAdhyayanam.	Dr Hiralal Dash	Awarded
3	Sasmita Sahu	kusabhadramahakavyasyaSamikhyatmakamAdhyayanam	Dr Nibedita Pati	Awarded

Project : Nil**Awards / Medals / Recognition Received : Nil****EXAMINATIONS****RESULTS STATISTICS (R/B/S) IN DETAIL OF THREE YEAR DEGREE EXAMINATION - 2020**

					PASS WITH GRADE												TOTAL					
S/N SUBJECT		ENRL	ABS	OD	O	A+D	A+	AD	A	B+D	B+	BD	B	C	P	PASS	FAIL	WHO	MP	%		
1	Arts Gen	3066	78					2		137	67		1269	495	5	1975	763	213	37	72.13		
	Arts Hons.																					
2	ANTHROPOLOY	103				3		24	1	28	7	1	11			75	14	14		84.26		
3	ECONOMICS	569	1					4		62	10	24	143	103	7	353	159	54	2	68.94		
4	EDUCATION	693	1			76	1	264	7	157	61		18			585	52	45	10	91.83		

5	ENGLISH	273	3				3		17	4	16	71	53		164	79	27		67.48
6	GEOGRAPHY	12															12		
7	HINDI	22			1		1		1	2		7	1		13	5	2	2	72.22
8	HISTORY	1037	5				43	1	196	49	14	361	90		754	173	97	8	81.33
9	HOMESCIENCE	98		2	31	3	22	4	9	9					80	14	4		85.10
10	MATHEMATICS	6									2	1			3	2	1		60.00
11	ODIA	805			1		102	4	257	58	19	173	23		637	90	74	4	87.62
12	PHILOSOPHY	210			1		12	2	32	20	3	65	4		139	59	11	1	70.20
13	POL.SCIENCE	1081	3				54	2	311	70	36	365	61	2	901	93	78	6	90.64
14	PSYCHOLOGY	46		2	10		15	1	9	1					38	7	1		84.44
15	SANSKRIT	474	2		15		152	2	103	32		33	7		344	87	37	4	79.81
16	SOCIOLOGY	138	1		3		40		42	9	1	18	3		116	5	15	1	95.86
ARTS (PASS & HON.)		8633	94	5	141	4	738	24	1361	399	116	2335	840	14	6177	1602	685	75	79.40
17	Sci. Gen.	800	7						75	28		228	30		362	339	87	5	51.64
	Sci. Hons																		
18	BOTANY	443			22		98	19	112	52	1	27			331	82	28	2	80.14
19	CHEMISTRY	554		1	13		55	15	117	73	6	92	4		376	141	32	5	72.72
20	GEOLOGY	178			8	2	55	17	25	24		8			139	32	6	1	81.28
21	MATHEMATICS	280	1		6	1	38	4	60	5	15	34	6		169	85	22	3	66.53
22	PHYSICS	480		3	50	1	101	7	69	51	6	26			314	126	35	5	71.36
23	ZOOLOGY	552	3	1	25	1	156	20	146	45	11	41	3		449	72	24	4	86.18
24	COMP.SCIENCE	119			19	2	24	10	3	8		1			67	50	2		57.26
25	MICROBIOLOGY	13					1		4		2				7	3	3		70.00
Science (PASS & HON)		3419	11	5	143	7	529	92	611	286	41	457	43		2214	930	239	25	70.41
26	Com. Gen.	257																	
	Com. Hons.																		
27	ACCOUNTING	440	1	1	6		24	1	49	42	2	146	33		304	90	38	7	77.15
28	FINANCE	26							3	2		8	2		15	6	5		71.42
29	MANAGEMENT	78					1		10	4		28	9		52	18	6	2	74.28
Commerce (PASS & HON.)		801	1	1	6		25	1	75	49	2	236	102	1	498	196	88	18	71.75
TOTAL		12853	106	11	290	11	1292	117	2047	734	159	3228	985	15	8889	2728	1012	118	76.51

Result of Post Graduation Examination for the session 2020

Sl. No.	Programme Name	Programme Code	Number of students appeared in the final year examination	Number of students passed in the final year examination	Pass Percentage (%)
1	M.A./M.Sc. Anthropology and Tribal Studies	M.A./M.Sc.-ATS	16	16	100
2	M.Sc. Biotechnology	M.Sc.-BT	27	27	100
3	M.Sc. Botany	M.Sc.-BOT	29	29	100

4	M.Sc.Chemistry	M.Sc.-CH	29	29	100
5	Master Computer Application	MCA	29	29	100
6	M.Sc. Computer Science	M.Sc.-CS	27	27	100
7	M.A. Economics	M.A.-ECO	39	39	100
8	M.A. English	M.Sc.-ENG	28	28	100
9	M.Sc. Geology	M.Sc.-GL	27	27	100
10	M.Sc. Material Science	M.Sc.-MS	14	14	100
11	M.A. Odia	M.A.-ODI	68	68	100
12	M.Sc. Physics	M.Sc.-PHY	29	29	100
13	M.A. Sanskrit	M.A.-SANS	58	58	100
14	M.A. Santali	M.A.-SNT	20	20	100
15	M. Sc. Wildlife and Biodiversity Conservation	M.Sc.-WLBC	22	21	95.45
16	M.Sc Zoology	M.Sc.-ZO	28	28	100
17	Master of Business Administration	MBA	24	24	100
18	Integraed B.Ed. M.Ed.	M.A./M.Sc.-IBM	47	47	100
19	M.A. Education	M.A.-EDN	67	67	100
20	M.A/M. Sc. Mathematics	M.A/M.Sc-MATH	30	30	100
21	M. A. Social Work	MSW	20	20	100
22	M.A. Hindi	M.A.-HN	9	9	100
23	Master Library & Information Science	MLIS	19	19	100
24	M.Sc. Remote Sensing & GIS	M.Sc.-RSGIS	28	28	100
25	M.A./ M.Sc. Yoga and Naturopathy	M.A/M.Sc.-YN	12	12	100

ACCOUNT STATEMENT FOR THE FINANCIAL YEAR 2020-21 AT A GLANCE (BOTH RECEIPT & EXPENDITURE)

Sl. No.	Name of the Fund	Source of Receipt	Units	Opening Balance as on 01.04.2019	Receipt				Total Amount Available (5+9)	Expenditure			Closing Balance as on 31.03.2020 (10-13)
					Total Receipt During the year	Amount through Transfer/ Diversion	Amount. through Interest & Other sources	Total Receipt (6+7+8)		Expenditure during the year	Transfer made to other funds	Total expenditure (11+12)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Gen Fund-I	(i) Govt. Grant GIA	Salaries & Office Expenses	14,49,50,820	21,13,00,000	41,46,900	0	21,54,46,900	36,03,97,720	12,25,26,150		12,25,26,150	23,78,71,570
		(ii) Other Receipts	Other mixed receipts from different sources & dev.construction works	21,86,78,758	6,37,40,936	0	1,16,15,460	7,53,56,396	29,40,35,154	7,62,46,900	0	7,62,46,900	21,77,88,254
		(iii) Pension	Pension to retired employees	3,99,08,440	1,00,00,000	0	45,07,280	1,45,07,280	5,44,15,720	2,86,12,762	0	2,86,12,762	2,58,02,958
		(iv) PMS (Govt. grants)	PMS to ST,SC,OBC/ SEBC Students	18,756	0	0	0	0	18,756	0	0	0	18,756
		(v) Scholarship	Scholarship to Meritorious Students	20,000	0	0	0	0	20,000	0	0	0	20,000
		(vi) Research Project & Others	DST FIST,BIF,Fellowship, Research Project etc.	39,54,069	0	0	0	0	39,54,069	0	0	0	39,54,069
			5th school of Herpetology, Research Project & Fellowship	1,04,68,582	65,39,459	0	4,28,746	69,68,205	1,74,36,787	33,88,939	0	33,88,939	1,40,47,848
		(vii) RUSA	Infrastructur development and others	3,76,04,238	0	0	10,17,349	10,17,349	3,86,21,587	72,84,109	0	72,84,109	3,13,37,478
		(viii) OHEPEE (IDP)	Research Grant	1,65,00,000	2,10,00,000	0	9,62,091	2,19,62,091	3,84,62,091	48,70,471	0	48,70,471	3,35,91,620
		(ix) International Cell	Travel Grant	27,287	0	0	849	849	28,136	0	0	0	28,136
		(x) College Development Council (CDC)	College Development	12,35,559	1,67,820	0	30,410	1,98,230	14,33,789	1,41,954		1,41,954	12,91,835
	Gen. Fund-II (Out Sources)	(xi) UGC grant	Construction development works & others	2,32,16,025	0	0	20,95,935	20,95,935	2,53,11,960	72,500	0	72,500	2,52,39,460
		(xii) ASC Account	UGC Refresher course & Regn. Fees	1,57,572	0	0	4,873	4,873	1,62,445	0	0	0	1,62,445

	Gen. Fund-III (Own Source s)	(xiii) Examinations	Exam. Source	24,44,26,307	4,38,80,464	0	1,80,07,697	6,18,88,161	30,63,14,468	2,96,88,562		2,96,88,562	27,66,25,906
		(xiv) Convocation	Certificate Fees	2,89,27,468	6,53,367	0	7,90,030	14,43,397	3,03,70,865	0	0	0	3,03,70,865
		(xv) Sports	Sports Fees	1,03,29,213	11,05,015	0	3,20,348	14,25,363	1,17,54,576	1,08,100	0	1,08,100	1,16,46,476
		(xvi) SFC Account	Course,Exam & other fees	9,98,29,718	1,53,50,826	0	57,37,346	2,10,88,172	12,09,17,890	1,40,89,342	2,61,900	1,43,51,242	10,65,66,648
		(xvii) DDCE Account	Course, Exam & forms fees	26,38,57,895	73,16,609	0	1,59,91,239	2,33,07,848	28,71,65,743	86,06,409	38,85,000	1,24,91,409	27,46,74,334
		(xviii) PGC Account	Certificate Fees & Exam fees	5,06,70,282	88,13,230	0	20,29,072	1,08,42,302	6,15,12,584	12,82,470	0	12,82,470	6,02,30,114
2	Founda tion Fund	(xix) Dev. Account	N/R Academic fees	1,44,15,263	0	0	2,20,898	2,20,898	1,46,36,161	0	0	0	1,46,36,161
		(xx) Gold Medal	Gold Medal	21,91,334	0	0	1,71,170	1,71,170	23,62,504	0	0	0	23,62,504
		(xxi) Corpus Fund		2,28,98,597	0	0	52,884	52,884	2,29,51,481	0	0	0	2,29,51,481
		(xxii) Foundation Fund		2,77,17,986	0	0	72,990	72,990	2,77,90,976	0	0	0	2,77,90,976
GRAND TOTAL :-				1262004169	389867726	4146900	64056667	458071293	1720075462	296918668	4146900	301065568	1419009894

Note: The figure may be changed subject to finalisation of Audit

BUDGET AT A GLANCE 2020-21 & 2021-2022

Sl. No.	Source	R E C E I P T				E X P E N D I T U R E			
		Actuals 2019-20	Proposed 2020-21	Revised 2020-21	Budget Estimated 2021-22	Actuals 2019-20	Proposed 2020-21	Revised 2020-21	Budget Estimated 2021-22
1	General Fund – I								
	(i) Govt. Grant Salary	183676390	292796536	181992360	138258223	133470938	292796536	181992360	138258223
	(ii) Pension to Retired employees	32545768	24386924	24386924	27375368	22625597	24386924	24386924	27375368
	(iii) Govt. Grant office expenditure	23684644	207426171	118802296	118827296	11187914	207426171	118802296	118827296
	(iv) Post Metric Scholarship /Scholarship to Meritorios Students	180680	500000	500000	500000	180680	500000	500000	500000
	(v) Collge Development Council (CDC)	253504	350000	350000	350000	31920	350000	350000	350000
	(vi) New Work & Development works (State Grant/UGC/Govt. & Own source)	60400000	1366750480	411982000	816712080	68367402	1366750480	411982000	816712080
2	General Fund- II (Out Side Sources)								
	(i) RUSA	21111365	200000000	20000000	27000000	19329495	200000000	20000000	27000000
	(ii) Development Work (15th F. C.)	0	629000000	629000000	630000000		629000000	629000000	630000000
	(iii) University Grants Commission (UGC)	898182	69900000	20100000	70400000	161474	69900000	20100000	70400000
	(iv) IDP Cell	16500000	100000000	10000000	20000000	0	100000000	10000000	20000000
	(v) ASC (Refresher Course/Faculty improvement Programme)	5279	1000000	1000000	1000000	0	1000000	1000000	1000000
	(vi) Project Work	9035804	216508436	53007806	208547613	7656950	216508436	53007806	208547613
	(vii) Different Fellowship, DST FIST, etc.	2028795	89940000	90640000	91140000	7932485	89940000	90640000	91140000
	(viii) Seeds Money for R. P as own source	0	500000	500000	1000000	0	500000	500000	1000000
	(ix) National Seminar for Department of MSCBU	0	1150000	1150000	1150000	0	1150000	1150000	1150000
	(x) National Seminar & Inter National Seminer for Students & Teaching Staff of MSCBU	0	0	0	2000000	0	0	0	2000000
	(xi) International Cell	919	3000000	3000000	3000000	0	3000000	3000000	3000000
3	General Fund- III (Own Sources)								
	(i) Examination	68284458	56200000	62080000	64450000	31472556	56200000	62080000	64450000
	(ii) Post Graduate Council	12654250	12000000	12340000	12460000	2700815	12000000	12340000	12460000
	(iii) Sports Council	2512117	4000000	2475000	2500000	548200	4000000	2475000	2500000
	(iv) Convocation	4530166	3290000	3280000	3330000	859018	3290000	3280000	3330000
	(v) Self Financing Courses	29330568	27715000	28560000	28960000	18094664	27715000	28560000	28960000
	(vi) Distance Education	51390550	18751000	40146000	40791000	32041973	18751000	40146000	40791000
	(vii) Misc. Cultural Activities & Memorial Sriram Chandra Bhanja Sanmaan	0	700000	700000	700000	0	700000	700000	700000
4	Foundation Fund								
	(i) Gold Medal	182965	400000	400000	400000	138383	400000	400000	400000
	(ii) Dev. Fund Processing & Accademic Fees	930602	400000	400000	400000	0	400000	400000	400000
	(iii) Corpus Fund	1428237	0	0	0	0	0	0	0
	(iv) Foundation Fund	720192	0	0	0	0	0	0	0
Grand Total :		522285435	3326664547	1716792386	2311251580	356800464	3326664547	1716792386	2311251580

SFC - Due to Typecal mistake, in the Budget Estimated for 2020-21, as total amount of Rs 2,77,15,000/- instead of Rs.2,75,15,000/- and taken into Proposed for 2020-21 as amonuting to Rs. 2,77,15,000/-. Therefore the total amount of Proposed for 2020-21 Rs 3,32,66,64,547/- in stead of Rs. 3,22,48,14,547/-.

INFRASTRUCTURE

Sl. No.	Name of Building	Estimated cost (Rs. in Lakh)	Status of building i.e. Complete/ Incomplete	Source
1	Administrative Building	112	Completed on 14.05.2003 (1425.00 sq m.)	State Govt. Rs. 35.0 lakh own sources Rs. 77.0 lakh
2	Centre for Tribal Studies	69.69	Completed on 31.01.2004\ (850 Sq m.)	MPLAD Rs. 25 Lakh own sources Rs. 44.69 lakh
3	Central Library	56.61	Completed on October, 2004 (902 Sq m.)	MPLAD Rs. 25.0 Lakh and rest from own sources
4	Students Cultural Centre	3.08	Completed on 08.05.2003	Own Sources
5	Laboratory building	25.00	Completed on 11.02.2002 (375.1 Sq m.)	Own Sources
6	Academic Block	24.46	Completed on 09.12.2005 (385 Sq m.)	Own Sources
7	Department of Physics	189.95	Completed (1417.00 Sq. m.)	12 th F.C. Govt. of Odisha
8	2 nd Laboratory Building	30.04	Completed (375.10 Sq m.)	12 th F.C. Govt. of Odisha
9	Extension of Administrative Building	121.75	Completed on Nov-2009 (1527 Sq m.)	12 th F.C. Govt. of Odisha
10	Compound Wall	123.23	Completed (4.32 km approx.)	12 th F.C. Govt. of Odisha
11	Department of Botany	241.86	Completed (2115.00 Sq m.)	12 th F.C. Govt. of Odisha
12	Department Chemistry	287.00	Completed (2435.00 Sq m.)	12 th F.C. Govt. of Odisha
13	Department Zoology	287.00	Completed (2435.00 Sq m)	12 th F.C. Govt. of Odisha
14	Ladies Hostel	150.72	Completed (25,899.00 Sq. m.)	12 th F.C. Govt. of Odisha
15	Lecture Quarters(2 nos)	117.9	Completed (7360.00 Sq m.)	UGC
16	Women's Hostel	68.92	Completed (395 Sq m.)	UGC
17	104. Seated Student Hostel	219.00	Completed	UGC-120, 12 th FC-49 Own Sources-50
18	Academic Block-II	29.67	Completed (385.00 Sq m.)	Govt. of Odisha and Own resources
19	Pump House near administrative block	02.66	Completed (220.00 Sq m.)	Own resources
20	Pump House Near Academic Block	11.78	Completed	UGC
21	Pump House at Ladies	12.29	Completed	Own resources

	Hostel Campus			
22	Pump House at Gents Hostel Campus	9.25	Completed	12 th F.C. Govt. of Odisha
23	Substation near administrative building	5.29	Completed	Own resources
24	Substation near academic block buildings	20.18	Completed	Interest of 12 th F.C.
25	Substation at ladies Hostel Campus	16.12	Completed	Own resources
26	Substation at Gents Hostel Campus	3.57	Completed	Own resources
27	M.Phil & Research scholars student Hostel	34.00	Completed	UGC
28	Botanical Garden	7.00	Completed	Ministry of Environment & forest , Govt. of India
29	Main Gate	100.98	Completed	12 th Finance-Rs. 70.66 , own sources -Rs. 30.32
30	Central Canteen	20.00	Completed	UGC
31	Guest House	117.15	Completed	UGC- Rs. 53.00 & own sources – Rs. 64.15
32	External Electrification of Guest House	9.54	Completed	own sources
33	Vice-Chancellor's Residence	100.00	Completed	12 th Plan UGC Grant
34	Six nos. Lecturer Quarters (3R-type)	100.00	Completed	12 th Plan UGC Grant
35	Computer Centre building	70.00	Completed	12 th Plan UGC Grant
36	Department of Computer Application	130.00	Completed	12 the Plan UGC Grant
37	Basic Facilities for Women building	43.34	Completed	UGC
38	Boundary wall to the play ground	63.43	Completed	UGC-Rs. 25.00 own sources-Rs.38.43
39	Women Utility Centre inside ladies hostel campus	7.89	Completed	UGC
40	Visitors room inside ladies Hostel campus	3.71	Completed	UGC
41	Outdoor Gymnasium at ladies Hostel Campus	2.62	Completed	Own Sources
42	Construction of 1000 seated Convention Hall	1013.86	Completed	Infrastructure Development Grant, Govt. of Odisha

43	200 Seated Conference hall Annexure portion of Convention Hall	1.75	Completed	RUSA
44	Construction of 200 seated Ladies Hostel	569.90	Completed	Infrastructure Development Grant, Govt. of Odisha
45	Boundary wall near M.Phil Hostel & Staff Quarter	37.70	Completed	Infrastructure Development Grant, Govt. of Odisha
46	Boundary Wall behind the ITI Hostel	47.72	Work in Progress	Infrastructure Development Grant, Govt. of Odisha
47	Boundary Wall of V.C. Bungalow	7.58	Completed	Infrastructure Development Grant, Govt. of Odisha
48	Human Resource Development Centre Building	281.84	Completed	Infrastructure Development Grant, Govt. of Odisha
49	Design railing parapet in the lawn at main gate complex	15.00	Completed	Infrastructure Development Grant, Govt. of Odisha
50	Administrative Block at 2 nd Campus of MSCBU, Keonjhar	406.19	Completed	Infrastructure Development Grant, Govt. of Odisha
51	Compound Wall and Two nos. of Gate at 2 nd Campus of MSCBU, Keonjhar	145.35	Completed	Infrastructure Development Grant, Govt. of Odisha
52	6 nos. of Staff Quarter at 2 nd Campus of MSCBU, Keonjhar	69.28	Completed	Infrastructure Development Grant, Govt. of Odisha
53	Electrical Sub-Station (500KVA) and Extranal Electrification at 2 nd Campus of MSCBU, Keonjhar	42.24	Completed	Infrastructure Development Grant, Govt. of Odisha
54	Academic Block at 2 nd Campus of MSCBU, Keonjhar (Ground floor & first Floor)	431.98	Completed	Infrastructure Development Grant, Govt. of Odisha
55	Deep bore well with pump house and water supply system at 2 nd Campus of MSCBU, Keonjhar	46.75	Completed	Infrastructure Development Grant, Govt. of Odisha
56	Construction of 200 seated Gents Hostel at	687.83	Work in Progress	Infrastructure Development Grant,

	2 nd Campus of MSCBU, Keonjhar			Govt. of Odisha
57	Construction of Cycle/Motor Cycle Stand	9.87	Completed	RUSA
58	Social Science and Humanities Block (Ground Floor)	526.63	Work in Progress	RUSA
59	Boundary Wall (North Side) of MSCBU, Main Campus, Baripada	55.00	Completed	Infrastructure Development Grant, Govt. of Odisha
60	Boundary Wall near Boys Hostel, MSCBU, Main Campus, Baripada	30.00	Work in progress	Infrastructure Development Grant, Govt. of Odisha
61	200 seated Gents Hostel at MSCBU, Main Campus, Baripada	827.76	Work in progress	Infrastructure Development Grant, Govt. of Odisha
62	3 nos 'C' Type Quarters for Registrar, COE & COF, MSCBU, Main Campus, Baripada	77.00	Work in progress	Infrastructure Development Grant, Govt. of Odisha
63	Academic Block at 2 nd Campus of MSCBU, Keonjhar (2 nd Floor to 5 th Floor)	910.59	Work in Progress	Infrastructure Development Grant, Govt. of Odisha
64	Banking Hall and Post Office Building, MSCBU, Main Campus, Baripada	92.84	Work in Progress	Own Recourses

FACILITIES AVAILABLE

(a) STUDENTS' WELFARE

Hostel Accommodation

There are two gents' hostel and four ladies' hostels to accommodate the students admitted to the courses available at the University campus. The selection for admission into hostels is considered on distance-cum-merit basis.

University Canteen

Provision is being made for refreshment in the University campus. However, refreshment facilities are available around the University.

Vehicle Shed

The University has the facility of vehicle sheds.

Banking Facility

Bank of India has its branch in the University campus for use of the students, teachers and employees of the University. The Bank functions for 6 days in a week excluding 2nd and 4th Saturday. Needy students avail study loan from Bank of India on the recommendation of the University.

Personal Advisory System/ Student Counseling Centre

Students of various departments are under the advisory responsibility of the teachers. Each teacher of the concerned department takes the responsibility of 3 to 5 students of his/ her department and keeps a vigilant eye on the students allotted to him/ her and guides such students in all situations, including health care and personal problems.

Central Computing Facilities

There is Central Computing Facility located in the Department of Computer Application. This facility was created in 2002 from own source and 50 numbers of Pentium-IV PC and a good number of application software have been installed for the benefit of the students, teachers and other members of the University. Internets with email and browser facilities have been provided to the students. Looking at the present day need software like JAVA, ORACLE, VISUAL, NET etc. have been kept open for the benefit of the students. Facilities also exist for using various languages C, C++, C#, NETWORKING, HTML, COBOL, BASIC, MS ACCESS, FORTRAN 77 and FOXPRO in various operating environment like WINDOWS – 98, 2000, WP, DOS, LINUX – 91 (RED HAT) and FEDORA.

Bioinformatics Facility Centre

The Bioinformatics Facility Centre (sponsored by the Department of Biotechnology, Government of India) of the University has been set up to provide internet facility to students, scholars and faculty of Biological Sciences and other related departments. The DBT provided one time grant initially and again has approved additional grants till 2012.

Evaluation of Teachers by Students

The University has accepted the UGC guidelines relating to evaluation of teachers by the students and the evaluation of teachers by students is made after the completion of each semester examination.

Training and Placement Cell

The University has set up a Training and Placement Cell for training and creating opportunities for on and off campus recruitments in various organizations. Our students have been sent to different reputed research organization/ companies for vocational training/ project works in their respective fields for work experience and future absorption there itself or elsewhere.

The list includes National Metallurgical Laboratory, Jamshedpur; Regional Plant Resource Center, Bhubaneswar; Regional Medical Research Center, Bhubaneswar; Central Rice Research Institute, Cuttack; Vivekananda Institute of Biotechnology, West Bengal; Coca Cola, Khurda; Central Institute of Fisheries Education, Mumbai; Indian Council of Medical Research, New Delhi; NALCO Corporate Office, Bhubaneswar; PPL Corporate Office, Bhubaneswar; Rourkela Steel Plant, Rourkela; SAIL, Bokaro Steel City; Oglvy Mathur Pvt. Ltd., Mumbai; Reliance Infocom, Bhubaneswar; Tata-AG Company etc. A number of our students have already been absorbed in different capacities in Institution/ Organizations like Wildlife Society of Orissa; SBI-Life; Vinay Construction Company; Pradan, SODA and Gram Swaraj (NGOs), Baripada etc. based on our recommendations and timely information.

Scholarships

The students of the University enjoy various types of scholarships awarded by the State Government on the result of +2 and +3 examinations in Arts/ Science/ Commerce. Besides, students pursuing Post-Graduate courses in Colleges and University P.G. Departments are eligible to receive P.G. Merit Scholarship and Loan Stipend awarded by the State Government.

Women Atrocity Cell

There is a Women Atrocity Cell to redress the grievances of the lady teachers, employees and students of the University.

Sexual Harassment Cell

In pursuance of letter No. F. No. 6-34/2003-NCW (L) dated 4th October, 2007 of Joint Secretary, National Commission for Women, Govt. of India, New Delhi the University had constituted a “Sexual Harassment Complaint Committee” to combat violence and sexual harassment of women in the University.

Parents Contact Programme

A relationship between the parents and the teachers was established through the parents teachers interactive programme, where they can communicate regarding welfare of the students.

Anti Ragging Committee

The University constituted its Anti Ragging Committee on 19.12.2009 to curb the menace of ragging in the campus during 2010-11 no case of ragging has been reported.

Anti Ragging Squad

The University constituted its Anti Ragging Squad on 19.12.2009 to curb the menace of ragging in the campus.

Health Care Facilities

The University has health care facilities for students, teachers and staff with the help of two nos. of part time Doctors. The Govt. has sanctioned all the staff including 1 Doctor, 1 Pharmasist, 1 Nurse and 1 Dresser to function the University Dispensary, which will be made functional very soon.

Day Care Centre

There is provision for day care centre in the campus.

(b) CENTRAL LIBRARY

The University has built its building for central library in the campus. It has computers/ facilities with automation and it has good collection of books in different subjects, viz. Botany, Chemistry, Economics, Physics, Zoology, Wildlife and Biodiversity Conservation, Biotechnology, Computer Application, Remote Sensing & GIS, Anthropology & Tribal Studies, Bioinformatics, Law, Math & Computing, Library & Information Science, MBA, MSW, Santali, Women Studies, Nanotechnology, Sanskrit, Yoga & Naturopathy, Hindi, Brallie and Similipal Study. Besides, the University has a big collection of books on subjects of common interest.

Total number of books in the central library is 35,957. The subject-wise details are given below.

Sl. No.	Name of the subject	
1.	Botany	1604
2.	Chemistry	2895
3.	Economics	2251
4.	Physics	2279
5.	Zoology	1731
6.	Wildlife and Biodiversity Conservation	589
7.	Biotechnology	1173
8.	Computer Application	3676
9.	Remote Sensing & GIS	367
10.	Anthropology & Tribal Studies	1004
11.	Bioinformatics	174
12.	Law	1146
13.	Library & Information Science	1184
14.	Management(MBA, MFC, PMIR & Com.)	4109
15.	Oriya	3818
16.	History	659
17.	Education	885
18.	Encyclopedia and Reference Books	2250
19.	Political Science	123
20.	Mathematics	682

21.	English	500
22.	MSW	745
23.	Santali	528
24.	Women Studies	14
25.	M. Tech.	232
26.	Nanotechnology	37
27.	Sanskrit	780
28.	Yoga and Naturopathy	312
29.	Hindi	135
30.	Brallie	33
31.	Similipal Study	42
	Total: -	35957

NSS ACTIVITIES

1. National Youth Day on 12.01.2020
2. Fit India Programme on 20.01.2020
3. Online Quiz competition on 29.08.2020
4. Webinar of NSS Day celebration on 24.09.2020
5. Webinar of Gandhiji's dream of Atmanirbhar Bharat on 02.10.2020
6. Rashtriya Ekta Divas (virtual mode) on 31.10.2020
7. University level award ceremony on 12.11.2020
8. Cleaning Water body management at adopted village on 15.02.2021
9. Swachhata Programme at the Ancient Train of Baripada on 16.02.2021
10. International Women's Day (Choose to challenge) observation on 08.03.2021
11. NSS Orientation Programme at Srimaa Mahila Mahavidyalaya on 09.03.2021
12. Cleaning programme in Shiba temple at adopted village before Shiva Ratri on 10.03.2021
13. Covid -19 awareness camp on 12.03.2021
14. Food, mask distribution in an orphanage on 18.03.2021
15. Webinar on preventive measures & awareness on covid-19 on 31.05.2021
16. Covid-19 rally and awareness programme at adopted village on 20.03.2021 to 26.03.2021
17. Swachhata hi seva programme on 27.03.2021 to 30.03.2021
18. Celebration of World Environment Day at 05.05.2021
19. Yoga day celebration & quiz competition (virtual) 21.06.202

National Level Camp

1. Dr. Smruti Ranjan Das, Programme Officer, Open Unit, MSCB University and one volunteer successfully participated during Covid-19 period as a Contigent Leader of Odisha in Republic Day parade camp-2021 during 1st January to 31st January, 2021 at Rajpath, New Delhi.
2. Dr. Smruti Ranjan Das, Programme Officer, Open Unit, MSCB University participated closing ceremony of National Youth festival 2021 on 16th January 2021 organised by Ministry of Youth Affairs & Sports, Government of India at New Delhi.
3. Dr. Smruti Ranjan Das, Programme Officer, Open Unit, MSCB University and 8 nos. of volunteers participated as a contigent Leader of Odisha state in Pre Republic Day Parade camp 2020 on 22nd November to 1st December at Bhubaneswar, Odisha.