

P.O. Jiaganj, Dist. Murshidabad, West Bengal, PIN 742 123 Phone:03483-255351, Fax: 03483-256961

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Criterion 3 - Research, Innovations and Extension

Key Indicator: 3.2. Innovative Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System including awareness about IPR Cell, incubation centre and other initiatives for creation and transfer of knowledge/technology and the outcomes of the same are evident

1. Sample images of syllabus containing course & curriculum reflecting

Indian Knowledge System

2. Snapshots of Memorandum of Understanding (MoU) with different

Colleges

3. Sample images of modest labs for students and researchers

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Sample images of syllabus containing course & curriculum reflecting Indian Knowledge System (IKS)

UG Syllabus indicating IKS: Sanskrit 1st Semester (H)

	and Sāhityaśāstra		
Unit-Wise	Division:		
	Section 'A'		
	Vedic Literature		
Unit: I	12 Credits		
	subject- matter, religion & Philosophy, social life		
Unit: II	Brāhmaṇa, Āraṇyaka, Upaniṣad, Vedāṅga (Brief	08 Credits	
	Introduction)		
	Section 'B'		
	Rāmāyaṇa		
Unit: I	Rāmāyaṇa-time, subject-matter, Rāmāyaṇa as an	4 Credits	
	Ādikāvya.	2 22 22	
Unit: II	Rāmāyaṇa as a Source Text and its Cultural	4 Credits	
	Importance.		
	Section 'C'		
	Mahābhārata		
Unit: I	Mahābhārata and its Time, Development, and	4 Credits	
** **	subject matter	10 11	
Unit:II	Mahābhārata: Encyclopaedic nature, as a Source, Text, Cultural Importance.	4 Credits	
	Section 'D'		
	Deciron 2		
Unit: I	Purāṇas Charterities	02 G 4:4-	
Unit: I Unit: II	Purāṇas: Subject matter, Characteristics Purāṇas: Social, Cultural and Historical	02 Credits 04 Credits	
Onit: II	Importance	04 Credits	
	Section 'E'		
Gan	eral Introduction to Vyākarana, Daršana ar	ad Sāhitvašāstra	
Unit-I	General Introduction to Vyākarana- Brief Histor		
OIIIt-I	of Vyākaranaśāstra	by 04 Cledits	
Unit-II	General Introduction to Darśana-Major schools	05 Credits	
	of Indian Philosophy Cārvāka, Bauddha, Jaina,		
	Sānkhya-yoga, Nyāya-Vaiseśika, Pūrva-		
	mīmāmsā and Uttara mīmāmsā.		
Unit-III	General Introduction to Poetics- Six major	05 Credits	
	Schools of Indian Poetics-Rasa, Alamkāra, Rīti,		
	Dhvani, Vakrokti and Aucitya.	J	

Link: Syllabi – University of Kalyani (klyuniv.ac.in)



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UG Syllabus indicating IKS: Philosophy 1st Semester General

PHIL-G-GE-T-01 Indian Philosophy					
Unit-Wise Division: Total:56 Credits					
Unit: I	Distinctive Features of Indian Philosophy.	03 Credits			
Unit: II	Basics concepts of Vedic and the Upanisadic World Views. rta (The Cosmic Order); rṇa (Duty/Obligation) ātman; jāgrat, svapna, suṣupti, turīya; śreyas ,preyas ,karma.	03 Credits			
Unit :III	Cārvāka Epistemology: pratyakşa as the only source of knowledge; refutation of anumāna.	08 Credits			
Unit: IV	Buddhism: Four Noble Truth (catvari aryasatyani), pratītyasamudpāda, nairātmyavāda, different schools of Buddhism.	10 Credits			
Unit: V	Jaina: mahavrata, anuvrata, syadvada and anekantavada.	08 Credits			
Unit: VI	Nyāya: pratyakṣya, anumāna (definition and classification)	10 Credits			
Unit: VII	Vaiśeṣika: Seven padārtha-s.	08 Credits			
Unit: VIII	Advaita Metaphysics: Brahman, māyā.	06 Credits			

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UG Syllabus indicating IKS: Zoology 5th Semester General

Course Code	Course Title	Total credits (FM)	Total no. of Lectures	Total no. of hours
ZOOL-G-DSE- T-02	Wildlife Conservation and Management	4 (40)	60	60

Unit 1: Introduction to Wild Life

Brief introduction to Conservation: Importance of conservation; Causes of depletion.

Unit 2: Evaluation and management of wild life

Habitat analysis: Physical parameters – Topography, soil and water; Biological Parameters – food and cover estimation; Brief idea on remote sensing and GIS in wildlife status estimation.

Unit 3: Management of habitats

Setting back succession; Advancing the successional process; Cover construction; Restoration of degraded habitats.

Unit 4: Population estimation

Population density, Natality, Birth rate, Mortality, fertility schedules and sex ratio computation; Faecal analysis of ungulates and carnivores; Pug marks and census method.

Unit 5: Aims and objectives of wildlife conservation

Necessity for wildlife conservation; modes of conservation – in-situ conservation and ex-situ conservation.

Unit 6: Management planning of wild life in protected areas

Estimation of carrying capacity; Eco tourism / wild life tourism in forests.

Unit 7: Man and Wildlife

Causes and consequences of human-wildlife conflicts.

Unit 8: Protected areas

National parks & sanctuaries. Tiger conservation - Tiger reserves in India; Management challenges in Tiger reserve.

Reference Books

Caughley G and Sinclair A R F (1994) Wildlife Ecology and Management

Link: Syllabi – University of Kalyani (klyuniv.ac.in)

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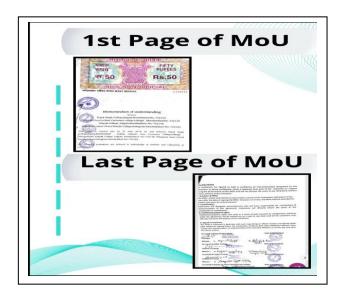


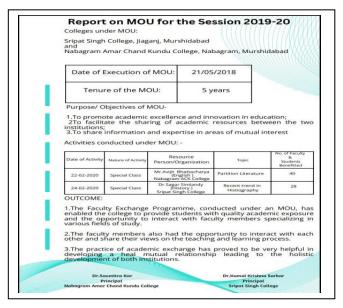
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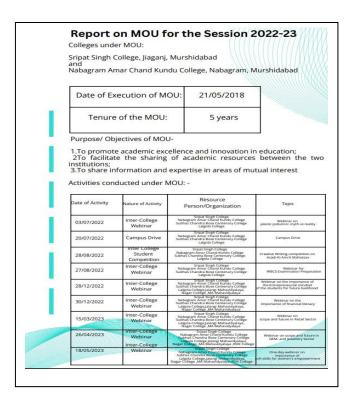
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Snapshot of Memorandum of Understanding(MoU) with different Colleges and Institutions

MoU with Nabagram Amar Chand Kundu College









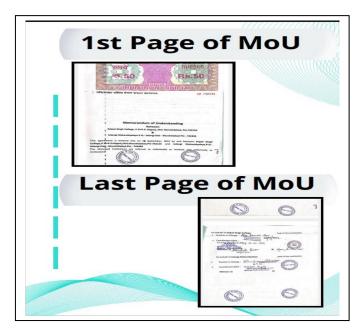
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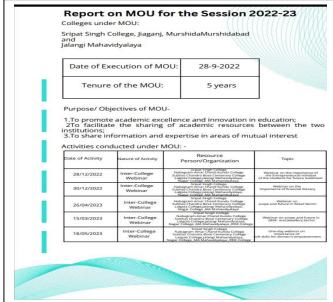


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MoU with Jalangi Mahavidyalaya









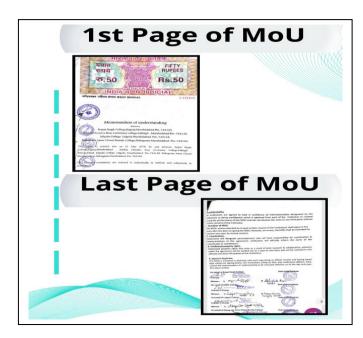


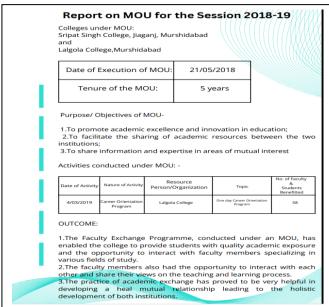
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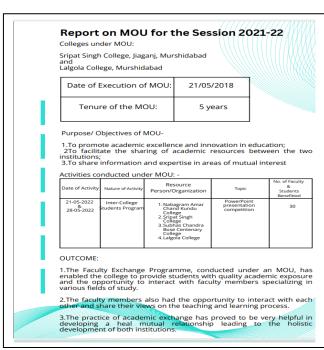
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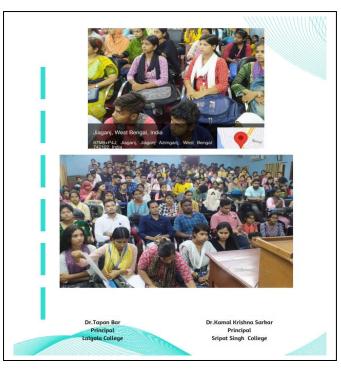
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MoU with Lalgola College







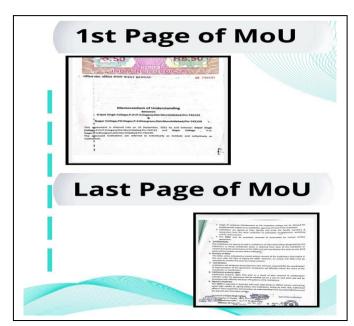


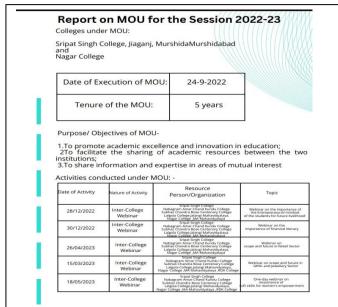


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MoU with Nagar College







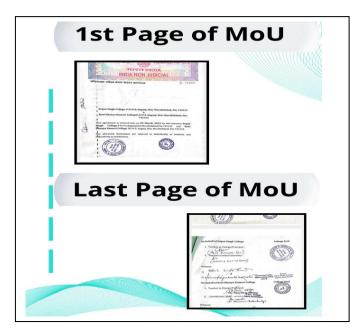


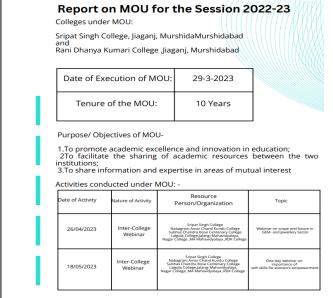


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MoU with Rani Dhanya Kumari College









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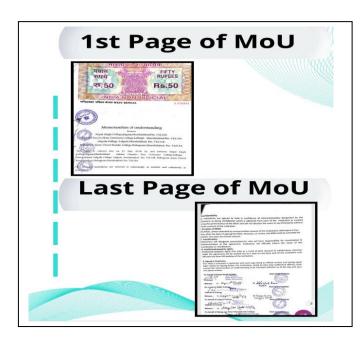


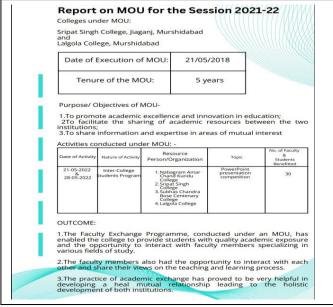
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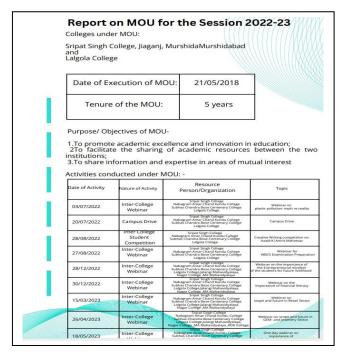
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MoU with Subhas Chandra Bose Centenary College









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Sample images of modest labs for students and researchers Molecular Biology & Biotechnology















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Zoology















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