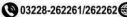
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Criterion 3 – Research, Innovations and Extension

### 3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

### **DOCUMENTS**

No	Description of the documents
1.	Sample Photographs of Art and Innovation Forum for Innovative Ecosystem
2.	Sample Photographs of various Student Activities organised by Innovation Council
3.	Sample images of syllabus containing course & curriculum reflecting Indian knowledge System
4.	Sample photographs of seminars on IPR.
5.	Sample Photographic of Functional MoUs with different Colleges
6.	Transfer of Knowledge - e-Resource

Shahid Matangini Hazra Govt. General Degree

College for Women
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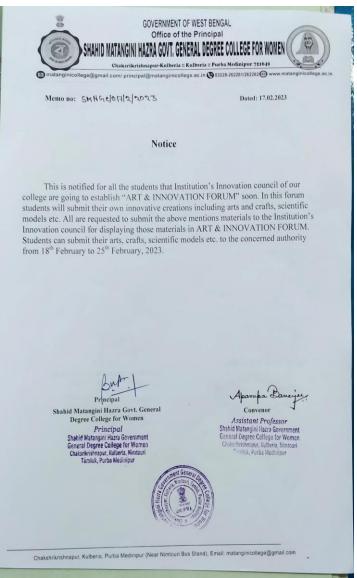


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## 1. Sample Photographs of Art and Innovation Forum for Innovative Ecosystem **NOTICES**





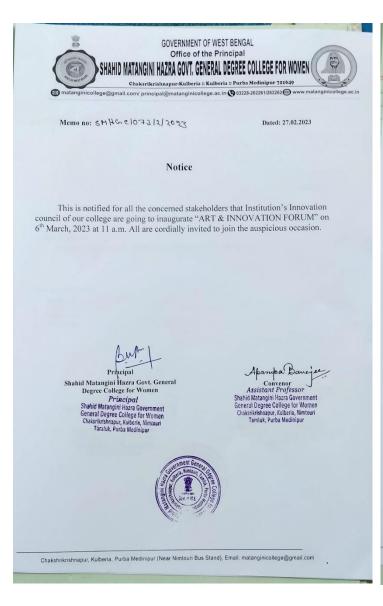
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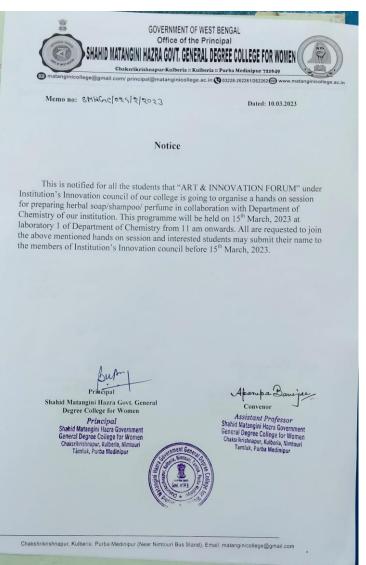


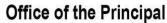
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### Sample Photographs of Art and Innovation Forum for Innovative Ecosystem **NOTICES**









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2. Sample Photographs of various Student Activities organised by Innovation Council Hands on Session Herbal Shampoo Making







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2. Sample Photographs of various Student Activities organised by Innovation Council Hands on Session Herbal Shampoo Making





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2. Sample Photographs of various Student Activities organised by Innovation Council **Art and Crafts Activity** 













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2. Sample Photographs of various Student Activities organised by Innovation Council **Art and Crafts Activity** 





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### 3. Sample images of syllabus containing course & curriculum reflecting Indian knowledge System



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3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Shahid Matangini Hazra Govt. General Degree College for Women has incorporated elements of our traditional Indian knowledge system into various academic syllabi. The institution has cultivated a repository of essential class notes and diverse study materials, aiming to facilitate the effective transfer of knowledge to the students.

(Documentary and digital references are added on the next pages)

Principal

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### 1. Indian Knowledge System (IKS)

Sanskrit		
	CC-3: Critical Survey of Sanskrit Literature	Credits 06
	CC3T: Critical Survey of Sanskrit Literature	
	Course Content:	
	Section "A" Vedic Literature	
	Section 'B' Rāmāyaņa	
	Section 'C' Mahabhārata	
	Section 'D' Purapas	
	Section 'E' General Introduction to Vyákarana, Daršana and Sáhítvatástra	

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Causation (kāryakāraṇavāda) (svabhāvavāda), doctrine of pre-existence of effect (satkāryavāda), doctrine of real transformation Unit: III (pariņāmavāda), doctrine of transformation (vivartavāda), doctrine of nonprexistence of effect in cause (asatkāryavāda and ārambhavāda) Section 'B' Ontology Concept of padartha, three dharmas of padarthas, Unit: I definition of Dravya, Unit: II Sāmānya, Viśeṣa, Samavāya, Abhāva. Definitions of first seven dravyas and their Unit: III examination; Ātma and its qualities, manas. Qualities (other than the qualities of the atman) Unit: IV Five types of Karma. Section 'C' Epistemology Buddhi(jñāna) - nature of jñāna in Nyāya Unit: I vaiśeşika; smriti-anubhava; yathārtha and ayathārtha, Karaņa and kāraņa, definitions and types of Unit: II pramā, kartā-kārana-vyāpāra-phala, model

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Unit: III

Causation (kāryakāraṇavāda) naturalism (svabhāvavāda), doctrine of pre-existence of effect (satkāryavāda), doctrine of real transformation (pariņāmavāda), doctrine illusory transformation (vivartavāda), doctrine of nonprexistence of effect in cause (asatkāryavāda and ārambhavāda) '

### Section 'B'

### Ontology

Unit: I

Concept of padartha, three dharmas of padarthas, definition of Dravya,

Unit: II

Sāmānya, Viśeşa, Samavāya, Abhāva.

Unit: III

Definitions of first seven dravyas and their

examination; Atma and its qualities, manas.

Unit: IV

Qualities (other than the qualities of the ātman)

Five types of Karma.

### Section 'C'

### Epistemology

Buddhi(jñāna) - nature of jñāna in Nyāya

Unit: I

vaiśesika;

smriti-anubhava; yathartha and ayathartha,

Karaņa and kāraņa, definitions and types of

Unit: II

pramā,

kartā-kārana-vyāpāra-phala, model

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Political science	(CC-14)				
	CC-14T: Indian Political Thought-II I. Introduction to Modern Indian Political Thought II. Rammohan Roy: Rights III. Pandita Ramabal: Gender IV. Vivekananda: Ideal Society V. Gandhi: Swaraj VI. Ambedkar: Social Justice VII. Tagore: Critique of Nationalism VIII. Igbal: Community IX. Savarkar: Hindutva X. Nehru: Secularism XI. Lohia: Socialism	PDG			
English	CC-13: Indian Classical Literature C13T: Indian Classical Literature	Credits 06			
	Course Contents:  Kalidasa. Abhijnana Shakumtalam, tr. Chandra Time (New Delhi: Penguin, 1989).  Vyasa. 'The Dicing' and 'The Sequel to Dici Hall', 'The Temptation of Karna', Book V Mahabharata: tr. and ed. J.A.B. van Buitenen (C. Sudraka. Mrcchakatika, tr. M.M. Ramachandra Motilal Banarasidass, 1962).	ng, 'The Book of the Assembly 'The Book of Effort', in The 'hicago: Brill, 1975) pp. 106–69.			
	Suggested Topics and Background Prose Readings for Topics  The Indian Epic Tradition: Themes and Recension Classical Indian Drama: Theory and Practice Alankara and Rasa				

CC-14: Indian Writing in English

Credits 86

### C14T: Indian Writing in English

### Course Contents: Poetry:

- · R.K. Narayan: Swami and Friends
- · H.L.V. Derozio: 'The Harp of India'
- · Kamala Das: \*Introduction
- Nissim Ezekiel: 'The Night of the Scorpion'

- · Mulk Raj Anand: 'Two Lady Rams'
- · Salman Rushdie: 'The Free Radio'

· Girish Karnad: Tughlaq

Suggested Topics and Background Prose Readings for Class Presentations

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### 4. Sample photographs of seminars on IPR. 2021-22







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4. Sample photographs of seminars on IPR. 2022-23





# **ONE-DAY SEMINAR**

Topic: Intellectual Property Rights (IPR) as a tool of Women Empowerment

Shahid Matangini Hazra Government General Degree College for Women

Organized by IQAC

Date: 26th April, 2023 | Time: 01.00 pm | Venue: Room No. 1







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### 5. Sample photographs of Functional MOU

is further expected that both the institutions will be compliant with all applicable legislations of Government of India and State and University policies

# 2. Duration and Option to Amend, Extend or Terminate

This MoU will become effective when signed by authorities of both institutions. The agreen will remain in effect for five years from the date of signature given below, and may be renewed or amended by mutual agreement of the institutions. The institutions should agree to periodically review the activities undertaken and the progress made and to consult concerning amendments. renewal or termination of this Moll. Either authority may terminate this Moll at any time by providing written notice prior to three months before such termination to the other authority

This MoU is not intended to, and does not create any right, benefit, or trust responsi substantive or procedural, enforceable by law or equity, by either party, its officers, employees, or agents against the other party, its officers, employees, or agents. Nothing in this MoU obligates either party to commit or transfer any funds, assets, or other resources in support of projects or activities between the two parties. Neither party will use the name of the other, either expressly or by implication, in any publicity, solicitation or advertisement without the express written approval of the other party to this MoU.

This MoU shall enter into force on the date of the signing by qualified representatives of both

IN WITNESS WHEREOF the duly authorized signatories have set their hands and affix their signatures and seals on this the 21st day of March, 2023.

Signed by 1st Party

bent Dr. Bijoy Krishna Roy

Principal

subnicionanaper, Kolherin, P.O. Bolherin, District Parkim Medicap Principal, pp. 1907-16-49. Sanid Mataspiel Harn Government General Degree College for Wentin Chatchichanov, Kubera, Biribari Tanink, Pyrta Badinov Signature of Witness:

Pike Das gufta Piku Dasgupta

Signed by 2nd Party

Dr. Sudipta Chakraborty

mest General Degree College, Keshiary P.S. Keshiary, Dist. Paschim Medinipur,

Was comment-inschunge Government General Degree College Keshiary

Signature of Witness:

Dr. Nilay Kumar Maitra

Government General Degree College. Keshiary P.S. Keshiary, Dist. Paschim

Medinipur, CWest Bungal, PIN 721135 IOAC CELL Gevt. Gen. Degree College



Government of West Bengal Office of the Principal

### **GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY**

At.-Telipukur : P.O.- Tilaboni Mahisamura : P.S.- Keshiary Dist- Paschim Medinipur: PIN-721135

www.ggdckeshiarv.ac.in Date 27/07/2024 Memo No From: The Principal Government General Degree College, Keshiary

To:

TO WHOM IT MAY CONCERN

It is to certify the summary of the collaborative activities between the Government General Degree College, Keshiary and Shahid Matangini Hazra Government General Degree College for Womenin the Academic Years 2022-2023, 2023-2024 based on the MoU dated 21.03.2023 [Purpose of the MoU: Academic collaboration for seminar/workshop/conference/journals, Faculty and student exchange, exchange of information on research and educational programme, joint organisation of short-term continuing education programme, joint engagement in research and training programme):

18. Neutree 1 Paratise 1 Para

SL No.	Nature of activity	Duration	Date of event	Topic of interaction	Organized by	Participants	Faculty involved
1-	Faculty exchange (Special Talk)	One day	12.04.2023	Demonstration and Application Session on Women's Safety Device "Arishta"	Government General Degree College, Keshiary	Students of the Government General Degree College, Keshiary	Sri Sayan Bag. Assistant Professor in Physics, Shahid Matangini Hazra Government General Degree College for Women
2	Faculty exchange	One day	13.04.2023	বাংলা সাহিত্যের পাঠ্যক্রম ৪ সমকালীন শিক্ষার্থী	Shahid Matangini Hazra Government General Degree College for Women	Students of the Dept. of Bengali, Shahid Marangini Hazra Government General Degree College for Women	-Ashok Dus, Asstt. Prof. in Bengali Government General Degree College. Keshiary
3.	Faculty exchange	One day	08.02.2024	Interactive Session India's Electoral Democracy : A Fascinating Journey	Government General Degree College, Keshiary	Students of the Dept. of Political Science and History, Government General Degree College, Reshiary	Piku Das Gupta, Associate Professor in Political Science, Shahid Mataegini Hazza Government General Degree College for Women
4.	Faculty exchange	One day	09.02.2024	Carbohydrates: Classification and General Properties	Shahid Matangins Hazra Government General Degree College for Women	Students of the Dept. of Chemistry, Shahid Matangini Hazra Government General Degree College for Women	Dr. Sutapa Ray, Assistant Professor in Chemistry, Government General Degree College, Keshiory

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Principal Shahid Matangini Hazra Government General Degree College for Women Chaksrikrishnapur, Kulberia, Nimtouri Tämluk, Purba Medinipur



Officer-in-Charge it General Degree College, Keshi Officer-in-Charge Government General Degree College Keshiary

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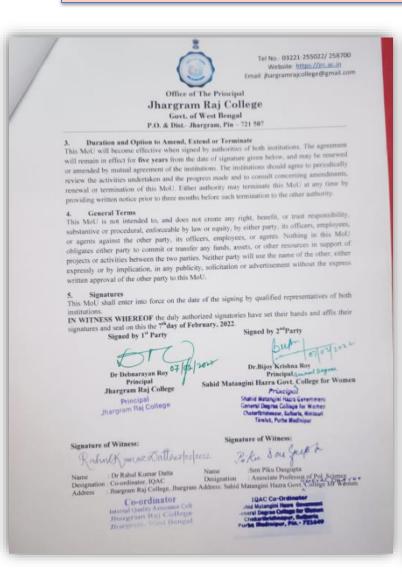
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### 5. Sample photographs of Functional MOU





Colleges involved under MoU: Jhargarm Raj College & Shahid Matangini Hazra Govt General Degree College for Women

I do hereby declare the following activities have been conducted as per the MoU signed between the two colleges

SL No.	Dates of Activities	Nature of activity	Recourse person	Conducted at	Beneficiary
5 MW1	1		Session 2022-23		
1	27,04,2023, 04,05,2023,	Special Lecture	Sri Tapas Adaldar Assistant Professor of Chemistry Jhargram Raj College	Shahid Matangini Hazra Govt, General Degree College for Women	Students of B.Sc. UG Sem- IV, Shahid Matangini Hazra Govt. General Degree College for Women
2	31.03.2023. 11.04.2022	Special Lecture	Smt. Poulomi Chakraborty Assistant Professor of Philosophy Jhargram Raj College	Shahid Matangini Hazra Govt. General Degree College for Women	Students of Philosophy UC Sem-VI, Shahid Matangini Hazra Govt. General Degree College for Women



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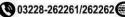
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# 6.Transfer of Knowledge e-Resource

The college has established a dynamic ecosystem that promotes innovation and facilitates the exchange of knowledge. As part of its initiatives, the college has actively fostered the transfer of knowledge through various means.

Transfer of Knowledge: The college has curated a collection of Open Educational Resources (OER) links, ensuring easy access to valuable educational materials. These resources encompass a wide range of subjects, including specialized courses such as the Ethics and Value Course and Computer Learning Course. By providing these links, the college empowers learners to explore and expand their knowledge beyond the traditional classroom setting.

Institutional repository: Recognizing the importance of comprehensive study materials aligned with the syllabus, the college has developed a drive that contains a plethora of class notes. These class notes are specifically designed to cover the syllabus, offering students a consolidated resource for their studies. By curating and organizing these class notes, the college aims to enhance the learning experience and facilitate better understanding and retention of the subject matter.

Through these initiatives, the college demonstrates its commitment to creating an environment that fosters innovation and knowledge exchange. By leveraging Open Educational Resources and providing curated class notes, the college empowers learners with the tools they need to excel in their educational journey.

### List of e-Resources

### **Books**

Open Textbook Library - https://open.umn.edu/opentextbooks

e-PG Pathshala - https://epgp.inflibnet.ac.in/

Project Gutenberg - https://www.gutenberg.org/

UGC MOOC COURSES - https://ugcmoocs.inflibnet.ac.in/index.php/courses/moocs

Rare Book Society of India - https://www.rarebooksocietyofindia.org/

College Open Textbooks - https://oercommons.org/

Internet Archive - https://archive.org/

NCERT - https://ncert.nic.in/textbooks.php



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DOAB - https://www.doabooks.org/

### **Journals**

NISCAIR Online Periodicals Repository - https://nopr.niscair.res.in/

Directory of Open Access Journals - <a href="https://doaj.org/">https://doaj.org/</a>

National Digital Library of India (Journals) - https://ndl.iitkgp.ac.in/

Open Access Library Journals - https://www.oalib.com/journal/

### Video

CEC - UGC YOUTUBE CHANNEL - https://www.youtube.com/user/cecedusat

SWAYAM PRABHA - https://www.swayamprabha.gov.in/

VIDYA MITRA - https://content.inflibnet.ac.in/

### **Additional resources**

National Repository for Open Educational Resources (NROER) – http://nroer.gov.in/

National Program on Technology Enabled Learning (NPTEL)-https://nptel.ac.in/

e-Gyankosh - https://egyankosh.ac.in/

Khan Academy - https://www.khanacademy.org/

MIT Open Course Ware - https://ocw.mit.edu/

edX - https://www.edx.org/

Coursera - https://www.coursera.org/

Udemy: Online Courses - https://www.udemy.com/

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Institutional Repository:				
Subject	Link			
Bengali	https://drive.google.com/drive/u/6/folders/1iobFbmg3mFFgnC9zgDXj3BCPqEbk4NM4			
English	https://drive.google.com/drive/u/6/folders/1VVE0uSlxDwynCS6LeD36208NXr1lARXf			
Sanskrit	https://sites.google.com/view/smhggdcw/home?authuser=0			
Philosophy	https://drive.google.com/drive/u/6/folders/1i5COA3hJu2wrgDSDuSVhxJJL-AHI4mPI			
Political Sciences	https://drive.google.com/drive/u/6/folders/13tEuv3VsweWJXe8pcwhXhMdW7SjSiWrj			
Economics	https://drive.google.com/drive/u/1/folders/1ug01I_qy9a6bMLqPjmegreIGeWriExHL			
Geology	https://drive.google.com/drive/u/1/folders/1fDxfKpx5SwWkXtnTG9uiPcRnmljcaqFz			
Geography	https://drive.google.com/file/d/1r7bgEek_wEkWAd5H3-m2osfb1a4XLaiQ/view_			
Physics	https://drive.google.com/drive/folders/1S6c9GLBp4nD8Q1ZmGrrj_SwLbAovzsGW			
Chemistry	https://drive.google.com/drive/folders/19Q9yip-UAzT-juCXSv2xTT1IRT6oVT9t			
Mathematics	https://drive.google.com/drive/u/1/folders/13yfNN8ybKsCCqJQGijBNgWh0dNNY_eiG			

