



MAHISHADAL RAJ COLLEGE

(Govt. Sponsored)

NAAC Accredited 'A' Grade College

DST (FIST) Govt. Of India approved College, NSDC Training Partner

Estd. : 1946

Mahishadal : Purba Medinipur

Phone STD 03224 No. 240220

Ref. No.....

Date:

ADD ON COURSE 2019-20

Organised by Department Zoology

Topic: Popular Science Writing

Add on course summary:

REPORT:

Name of the course- Popular Science Writing

Course coordinator: *Dr. Subhamoy Das*, (Associate Professor, HOD, Department of Zoology , Mahishadal Raj College)

Date of commencement: 09/12/19

Date of completion: - 18/12/19

Number of participant: 31

Total duration day: 08

Total duration hour: 32

Evaluation method:- Paper pen MCQ and practical field work

RESULT DETAILS:-

Number of student participate in this program: 31

Number of student completes this program: 27

Number of student got certificate in this program: 27

Name of the course: Popular Science Writing

Course coordinator: *Dr. Subhamoy Das*, (Associate Professor, HOD, Department of Zoology , Mahishadal Raj College)



Popular science writing

✚ Aims of the course:

To familiarise students with a range of perspectives on the value and purposes of science writing to explore a range of styles and techniques for writing about science, with a focus on writing narrative non-fiction books and essays to develop students' skills as effective and engaging science writers

✚ Learning outcomes:

As a result of the course, within the constraints of the time available, students should be able to:

1. Critique science writing and recognise what makes science writing appropriate to particular audiences and aims
2. Develop ideas for, and draft, of a piece of non-fiction writing (a book chapter or a long feature, of approximately 5,000 words), using elements of narrative storytelling.
3. Develop a proposal and pitch for a popular science book
4. Edit their work to enhance their writing for particular readerships and production contexts.

✚ Target audience:

Students who aren't necessarily practicing scientists or trained in science, but who are interested in communicating science to the general public. Students who are academics at any stage of their careers and are keen to write effectively about their science for a wide audience, beyond their peers. Students who are keen to write popular science books or long features for journals and magazines.

The student specially Zoology, Botany, Physiology, Nutrition Physics, Chemistry Mathematics and Computer science are entitled in the course. Irrespective general generic and honours all the students who have scientific attitude and temperament and the student who are willing to established in the field of writing they can attend the courses.

✚ Course content overview:

This course introduces the craft of writing about science for non-specialist readerships, also known as popular science writing. Students will learn how to read, analyse and critique the work of other science writers, to develop their own skills in effectively communicating science to non-specialist publics., Students will each develop an idea and draft text for a long piece of narrative non-fiction writing of their choice, most likely a chapter for book or a long feature. Students will practise their own science writing, with short writing exercises alongside their own work to produce a long feature or a chapter for a book. Feedback from tutors will be available throughout the course. Students will learn how to get their writing published.



✚ Schedule: Total 32 hours

DAY	SCHEDULE
Day 1	Orientation (4hours)
Day 2	What makes good science writing? (4 hours)
Day 3	Shaping a structure and telling a story (4 hours)
Day 4	Editing: how to write better (4 hours)
Day 5	Publishing your book (4 hours)
Day 6	Managing information (4 hours)
Day 7	What Next? (4 hours)
Day 8	Valediction, feedback (4 hours)

✚ Detail Work Schedule

Date	Day	Contents	Time	Duration	Experts	Designation
09.12.19	1	Orientation	12 to 1pm	1	Dr. Subhamoy Das	HOD DEP. of ZOOLOGY
10.12.19	1	What is science? History of science writing	1 to 4 pm	3	Dr. Suman Pratihar	Assit Prof Keshpur College
11.12.19	2	What makes good science writing?(4 hours)	1 to 5pm	4	Arif Ikbal Khan	Eminent Journalist
12.12.19	3	Shaping a structure and telling a story(4 hours)	01 to 05pm	4	Subhamoy Das	HOD DEP. of ZOOLOGY
13.12.19	4	Editing: how to write better(4 hours)	01 to 05pm	4	Pathik Guha	Eminent Journalist
14.12.19	5	Publishing your book(4 hours)	01 to 05pm	4	Dr Rajkumar Guchhait	SACT Mahishadal Raj College
16.12.19	6	Managing information (4 hours)	01 to 05pm	4	Sagnik Mondal	SACT Mahishadal Raj College
17.12.19	7	What Next? (4 hours)	01 to 05pm	4	Dr.Subikash Mukherjee	HOD , Economics, MRC
18.12.19	8	Evaluation, valediction, feedback(4 hours)	12 to 4 pm	4	Manik Das, DR.Asim Kr Bera	SACT., Zoology; Principal, MRC
				32 hours		



✚ **Course structure and examination scheme:**

Course name	Theory classes (hr.)	Practical Classes (hr.)	Internal Marks	External Marks			Total Marks
				Theory	Practical	Field work	
Popular science writing	20	12	20	50	20	10	100

✚ **Participant's Details and attendance:**

Enrolment Details of Students

Sl. No.	Student ID	Roll No.	Name
1.	B.Sc/17/0001	2170001	PRATIKSHA DAS
2.	B.Sc/17/0004	2170004	SANDIP JANA
3.	B.Sc/17/0007	2170007	UDITA BAITALIK
4.	B.Sc/17/0010	2170010	JAGATJYOTI NANDY
5.	B.Sc/17/0011	2170011	SURENDRA PRASAD KUILA
6.	B.Sc/17/0015	2170015	ARGHYA JANA
7.	B.Sc/17/0016	2170016	DIPANKAR PRAMANIK
8.	B.Sc/17/0020	2170020	SUBHA PARIAL
9.	B.Sc/17/0021	2170021	RIYANKA BAG
10.	B.Sc/17/0024	2170024	KUHELI MANDAL
11.	B.Sc/17/0025	2170025	MAMPA DAS
12.	B.Sc/17/0029	2170029	ROHANA DALAPATI
13.	B.Sc/17/0030	2170030	AKASH PRADHAN
14.	B.Sc/17/0032	2170032	SANGITA ADHIKARY
15.	B.Sc/17/0036	2170036	RAJU SAMANTA
16.	B.Sc/17/0040	2170040	SUBHASISH JANA
17.	B.Sc/17/0042	2170042	MEGHA DAS
18.	B.Sc/17/0044	2170044	SUKANYA BHATTACHARJEE
19.	B.Sc/17/0048	2170048	SOUMEN PATRA
20.	B.Sc/17/0050	2170050	AKSHAY KUMAR KAR
21.	B.Sc/17/0051	2170051	SANKAR MAITI
22.	B.Sc/17/0055	2170055	ARNAB KR PAL
23.	B.Sc/17/0056	2170056	SOURAV DAS
24.	B.Sc/17/0057	2170057	ANKITA SAMANTA
25.	B.Sc/17/0058	2170058	SANJU MAITY
26.	B.Sc/17/0065	2170065	ATANU SAMANTA
27.	B.Sc/17/0066	2170066	APARNA DOLAI
28.	B.Sc/17/0070	2170070	DIBYENDU KANDER
29.	B.Sc/17/0071	2170071	AGNIVA ROY
30.	B.Sc/17/0072	2170072	ANINDYA DAS



✚ Sample Question of Examination

- A) Scientific writing uses many metaphors.
- B) Scientific writing uses some terms (like 'significant' or 'correlation') differently and with specific mathematical or scientific meaning.
- C) Scientific writing is clear, concise, and precise.
- D) Scientific writing uses active voice and is written from the author's perspective.

4. What are some of the ways scientific writing is used?

- A) Academics (scientific literature and curricula), social media (opinion blogs), theoretical modelers (knowledge)
- B) Academics (scientific literature and curricula), medical and pharmaceutical fields (treatments), social media (opinion blogs)
- C) Academics (scientific literature and curricula), medical and pharmaceutical fields (treatments), theoretical modelers (knowledge)
- D) Social media (opinion blogs), medical and pharmaceutical fields (treatments), theoretical modelers (knowledge)





✚ **SAMPLE CERTIFICATE OF COURSE COMPLETION**



CERTIFICATE OF COURSE COMPLETION

THIS IS TO CERTIFY THAT

JAGATJYOTI NANDY

has successfully completed the **Add-on Course** on Popular science writing held during 2019-2020 academic year at Mahishadal Raj College.

Sublany D.

Course Co-ordinator

J. S. D.

IQAC Co-ordinator

S. P.

Principal



CERTIFICATE OF COURSE COMPLETION

THIS IS TO CERTIFY THAT

KUHELI MANDAL

has successfully completed the **Add-on Course** on Popular science writing held during 2019-2020 academic year at Mahishadal Raj College.

Sublany D.

Course Co-ordinator

J. S. D.

IQAC Co-ordinator

S. P.

Principal