



# 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:

## Online ADD ON COURSE 2020-21

**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: 02/11/20

Date of completion: - 08/11/20

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: 25

Number of student got certificate in this program: 25

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
02.11.20	1	Orientation	12 to 1pm	1	Dr. Subhamoy Das	HOD DEP. of ZOOLOGY
03.11.20	1	What is science? History of science writing	1 to 4 pm	3	Dr. Suman Pratihar	Assit Prof Keshpur College
04.11.20	2	What makes good science writing?(4 hours)	1 to 5pm	4	Arif Ikbal Khan	Eminent Journalist
05.11.20	3	Shaping a structure and telling a story(4 hours)	01 to 05pm	4	Subhamoy Das	HOD DEP. of ZOOLOGY
06.11.20	4	Editing: how to write better(4 hours)	01 to 05pm	4	Pathik Guha	Eminent Journalist
07.11.20	5	Publishing your book(4 hours)	01 to 05pm	4	Dr Rajkumar Guchhait	SACT Mahishadal Raj College
08.11.20	6	Managing information (4 hours)	01 to 05pm	4	Sagnik Mondal	SACT Mahishadal Raj College
09.11.20	7	What Next? (4 hours)	01 to 05pm	4	Dr.Subikash Mukherjee	HOD , Economics, MRC
10.11.20	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/19/0045	2190045	SUCHANDRA MIDYA
2.	B.Sc/19/0087	2190087	PABITRA DOLAI
3.	B.Sc/19/0088	2190088	ALI AJGAR KHAN
4.	B.Sc/19/0158	2190158	RIYA DAS
5.	B.Sc/19/0160	2190160	NARGIS PARVIN
6.	B.Sc/19/0161	2190161	MANISHA BAG
7.	B.Sc/19/0162	2190162	SAMPURNA MAJI
8.	B.Sc/19/0164	2190164	RAJESWARI ROY
9.	B.Sc/19/0184	2190184	RUMPA PANJA
10.	B.Sc/19/0185	2190185	SNIGDHA APARAJITA DAS
11.	B.Sc/19/0242	2190242	SK ASIF RAHAMAN
12.	B.Sc/19/0246	2190246	SAYANI DAS
13.	B.Sc/19/0247	2190247	SUMIT GHORAI
14.	B.Sc/19/0273	2190273	KOUSIK MONDAL
15.	B.Sc/19/0274	2190274	SURYAKANTA PANJA
16.	B.Sc/19/0340	2190340	SHUBHANKAR DAS
17.	B.Sc/19/0341	2190341	SOMA MAITY
18.	B.Sc/19/0353	2190353	SUMANA KUILA
19.	B.Sc/19/0354	2190354	BRINDA RANI DASADHIKARI
20.	B.Sc/19/0372	2190372	SURAJIT MANNA
21.	B.Sc/19/0374	2190374	PANNALAL JANA
22.	B.Sc/19/0375	2190375	SUBRATA ROY
23.	B.Sc/19/0402	2190402	BISWAJIT PARUA
24.	B.Sc/19/0403	2190403	ATASI ADAK
25.	B.Sc/19/0420	2190420	ANINDITA PARAI
26.	B.Sc/19/0431	2190431	SWATA PRADHAN
27.	B.Sc/19/0455	2190455	JAYETA ROY
28.	B.Sc/19/0456	2190456	MOUMITA DEY
29.	B.Sc/19/0457	2190457	ATANU DAS
30.	B.Sc/19/0458	2190458	NILANJAN PRAMANIK
31.	B.Sc/19/0459	2190459	SOUVIK MAITY



## ✚ 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**

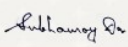



# CERTIFICATE OF COURSE COMPLETION


THIS IS TO CERTIFY THAT

**SUMANA KUILA**

has successfully completed the **Add-on Course** on Popular science writing held during 2020-2021 academic year at Mahishadal Raj College.

  
Course Co-ordinator

  
IQAC Co-ordinator

  
Principal



# CERTIFICATE OF COURSE COMPLETION

THIS IS TO CERTIFY THAT

**PANNALAL JANA**

has successfully completed the **Add-on Course** on Popular science writing held during 2020-2021 academic year at Mahishadal Raj College.

  
Course Co-ordinator

  
IQAC Co-ordinator

  
Principal