

## LIST OF SEMINARS/WORKSHOPS

A.Y. 2018-19

SN	Name of the Program	Date	No. of Participants	Details of the Resource Person
1	A One Day Seminar on "Art of Writing Review Articles and Research Thesis"	02/08/2018	34	Mrs. Sanghamitra Mohapatra CSIR Fellow, IMMT Bhubaneswar Contact No: 9337030885 Email: <i>ssmohapatragmail.com</i>
2	A Seminar on "Research Trends in Genetic Engineering and Biotechnology".	15/09/2018	34	Dr. Diptipriya Sethi CSIR Fellow, IMMT, Bhubaneswar Contact No: 9938488500 Email: <i>dipti.priya123@gmail.com</i>
3	A One Day Seminar on "Recent Trends in Microbiology and Biotechnology"	16/11/2018	34	Dr. Sanghamitra Pati Director, RMRC, Bhubaneswar Contact No: 06742301332 Email: <i>sanghamitra.pati@icmr.gov.in</i>
4	A One Day Seminar on "Qualitative and Quantitative Research Methodologies"	05/01/2019	33	Mr. Sabyasachi Parida, Asst. Prof. Dept. Biotech., MPC Autonomous College, Baripada Contact No: 7978286156 Email: <i>s.parida@gmail.com</i>
5	A One Day Seminar on "Challenges and Opportunities of Biotechnology Research in India"	07/02/2019	34	Dr. Sanatan Majhi, Asst. Prof. Dept of Biotech., Utkal University, Bhubaneswar, Contact No: 0943812873, Email: <i>sanatan.biotech@utkaluniversity.ac.in</i>
6	A One Day Seminar on "IPR in Biotechnology and Bioinformatics"	14/03/2019	33	Dr. Sameer Ranjan Lenka, Company Sec. MITS Mega food park ltd. Bhubaneswar Contact No: 7978241951 Email: <i>admin@mitsmegafoodpark</i>
7	A One Day Workshop on "Research Methodology for IT Students"	18/05/2019	33	Rashmi Ranjan Behera, MITS Rayagada, Bhubaneswar Contact No:7008018094 Email: <i>me@rbehera.in</i>



**DIRECTOR**

Director  
MITS School of Biotechnology  
Bhubaneswar

24/07/2018


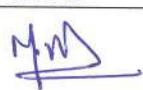
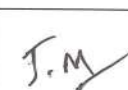
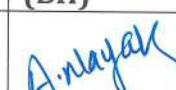
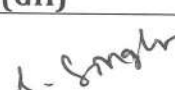
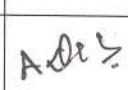
## CIRCULAR

This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise "*A One Day Seminar on, Art of Writing Review Articles and Research Thesis*" on 2<sup>nd</sup> August 2018. Interested students shall register their names at the office of the coordinator on or before 4PM, 1<sup>st</sup> August 2018.

Venue of the programme: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology

  
**DIRECTOR**  
Director  
MITS School of Biotechnology  
Bhubaneswar

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## REGISTRATION FORM

Name.....

Course .....Yr(1/2/3)

Roll No.....

Institution.....

Address for Communication :

Mobile.....

Email.....

Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 07.02.2018

Email: rashmiranjan93@gmail.com

**Address for Communication**

**Dr.R.R Mishra**

Head, Department of Biotechnology

Contact: +91-7978528311

**Chief Patron**

**Er. Sriram Panda**

Chief Executive  
MITS Group

**Patron**

**Dr. G.K. Panda**

Director  
MITS School of Biotechnology

**Convenor**

**Dr. Swati Mishra**

Associate Professor  
Dept. of Biotechnology

**Coordinator**

**Dr. R.R Mishra**

Head  
Dept. of Biotechnology

**Advisory Committee**

**Prof. Mousumi Mishra**

Dept. of Biotechnology

**Prof. T.C Kar**

Dept. of Biotechnology

**Dr. Haimanti Bhattacharya**

Dept. of Biotechnology

**A**

## ONE DAY SEMINAR ON



**"ART OF WRITING REVIEW  
ARTICLES AND RESEARCH  
THESIS"**

Programme Schedule :  
02-08-2018



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान  
MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)

Website: msb.ac.in

Email: principal@msb.ac.in



## About College

Consistently ranking as the best institute in the eastern part of India, MITS School of Biotechnology (MSB) is a self financing professional organisation that was founded in 2003. The faculty consists of having qualification of PhD, M.Tech as well as experience in both Academics and industrial research, so as the student graduates, who are equally impressive mostly working in leading industries of Biotechnology, Pharma and IT. MSB is considered to be most selective, accepting, growing and proven institute under Utkal University. The institute is located at the prime location of Infocity, Bhubaneswar. This prestigious institute includes popular programs of Biotechnology, Applied Micro Biology and Computer Science.

## Courses Offered at MSB

BCA	- 3 Years
B.Sc Biotechnology	- 3 Years
M.Sc Biotechnology	- 2 Years
M.Sc App. Microbiology	- 2 Years

## About Programme

A review paper, also known as a literature review, is a thorough, analytical examination of previously published literature. It also provides an overview of current research works on a particular topic in chronological order. The main objective of writing a review paper is to evaluate the existing data or results, which can be done through analysis, modeling, classification, comparison, and summary. Review papers can help to identify the research gaps, to explore potential areas in a particular field. It helps to come out with new conclusions from already published works.



## Objective of the Programme

The objective of the seminar is to develop skill among the researchers and students regarding writing of Research and review articles. Further, we will discuss how the research/review articles could be published in national and international Journals. The main objective of writing a review paper is to evaluate the existing data or results, which can be done through analysis, modeling, classification, comparison, and summary.



**Resource Person**

**Dr. Sanghamitra Mohapatra,**  
Research Associate,  
Institute of Minerals And Material Technology  
Bhubaneswar



Date: 02/08/2018

## LIST OF PARTICIPANTS

Name of the programme: One-day seminar on "ART OF WRITING REVIEW ARTICLES AND RESEARCH THESIS"

SN.	List of participants	Year Branch	Signature
1	A.K.SUDHACHANDAN	2nd Year MSC-BT	A.k. Sudhachandan
2	SAMBIT KUMAR DUTTA	2nd Year MSC-AMB	Sambit Kumar Dutta
3	JATEEN KUMAR SWAIN	2nd Year MSC-AMB	Jateen Kumar Swain
4	RONIT RUPAYAN	2nd Year MSC-AMB	Ronit Rupayan
5	SAMPRAATIKA SAHU	2nd Year MSC-BT	Sampratika Sahu
6	MALKA TABASUM	2nd Year MSC-BT	MALKA TABASUM
7	SUBHASHREE BARIK	2nd Year MSC-BT	Subhashree Barik
8	SMRUTI SIKHA SINGH	2nd Year MSC-AMB	Smruti Sikha Singh
9	BRAJA BANDHU SWAIN	2nd Year MSC-AMB	BRAJA BANDHU SWAIN
10	BIJAYALAXMI JENA	2nd Year MSC-BT	Bijayalaxmi Jena
11	ELIZA PRIYADARSHINI	2nd Year MSC-BT	Eliza Priyadarshini
12	SHUBHRANSHU S. ACHARYA	2nd Year MSC-AMB	Shubhranshu S. Acharya
13	SUMITRA ACHARYA	2nd Year MSC-AMB	Sumitra Acharya
14	RIYA JALAN	2nd Year MSC-BT	Riya Jalan
15	RABINA PRADHAN	2nd Year MSC-BT	Rabina Pradhan
16	RACHANA PANIGRAHI	2nd Year MSC-AMB	Rachana Panigrahi
17	AISHWARYA SARANGI	2nd Year MSC-AMB	Aishwarya Sarangi
18	PRIYAMBADA SARANGI	2nd Year MSC-AMB	Priyambada Sarangi
19	BIKASH NAYAK	2nd Year MSC-BT	Bikash Nayak
20	SUBHASHREE PANDA	2nd Year MSC-AMB	Subhashree Panda
21	SAHIL RANJAN PANDA	2nd Year MSC-BT	Sahil Ranjan Panda
22	JASMINE ROUT	2nd Year MSC-BT	Jasmine Rout
23	UTKALENDU S. SAMANTARAY	2nd Year MSC-BT	Utkalendu S. Samantaray
24	ABHILIPSA P. DASH	2nd Year MSC-AMB	Abhilipsa P Dash
25	RITUPARNA PRAHARAJ	2nd Year MSC-BT	Rituparna Praharaj
26	PRITI MAYEE BEHERA	2nd Year MSC-BT	Priti mayee Behera
27	PALLABI PRADHAN	2nd Year MSC-BT	Pallabi Pradhan
28	SUBHANA QUADRI	2nd Year MSC-AMB	Subhana Quadri
29	RITU PRADHAN	2nd Year MSC-BT	Ritu Pradhan
30	SRIPAD G.S. SINGH	2nd Year MSC-AMB	Sripad G.S Singh
31	RAJEEV RANJAN	2nd Year MSC-BT	Rajeev Ranjan
32	SANDEEPTA PATI	2nd Year MSC-BT	Sandeeptha Pati
33	SUSHREE SHIBANI PANIGRAHI	2nd Year MSC-BT	Sushree shiban Panigrahi
34	BARSHA SAMANTARAY	2nd Year MSC-BT	Barsha Samantaray

  
COORDINATOR

  
DIRECTOR  
Director

2(P), Infocity, Patia, Bhubaneswar  
Pin-751024 (Odisha), INDIA

MITS School of Biotechnology  
Bhubaneswar  
Website: [www.msb.ac.in](http://www.msb.ac.in)  
Email: [principal@msb.ac.in](mailto:principal@msb.ac.in)



## PROGRAMME REPORT

03/08/2018

Programme Name	<b>A One Day Seminar on "Art of Writing Review Articles and Research Thesis</b>
Date of Activity:	02/08/2018
Resource Person:	Mrs. Sanghamitra Mohapatra CSIR Fellow, IMMT, Bhubaneswar Contact No: 9337030885 Email: <i>ssmohapatragmail.com</i>
Organised By:	MITS School of Biotechnology
Venue:	Dept. Biotechnology, MSB, Bhubaneswar

### Objective of the programme

There is consistent demand on academicians to produce good quality research papers. This demand is institutionalized in the requirements laid down by the regulatory bodies and the strategic attempts by educational institutions to manage research. Keeping this demand in mind, the objective of this workshop is to unpack what constitutes a great research paper and outline the pleasures and pitfalls of writing it. With the help of some characteristic examples and activities, the workshop will serve as a practical guide to the art of writing papers.

### Topic Covered

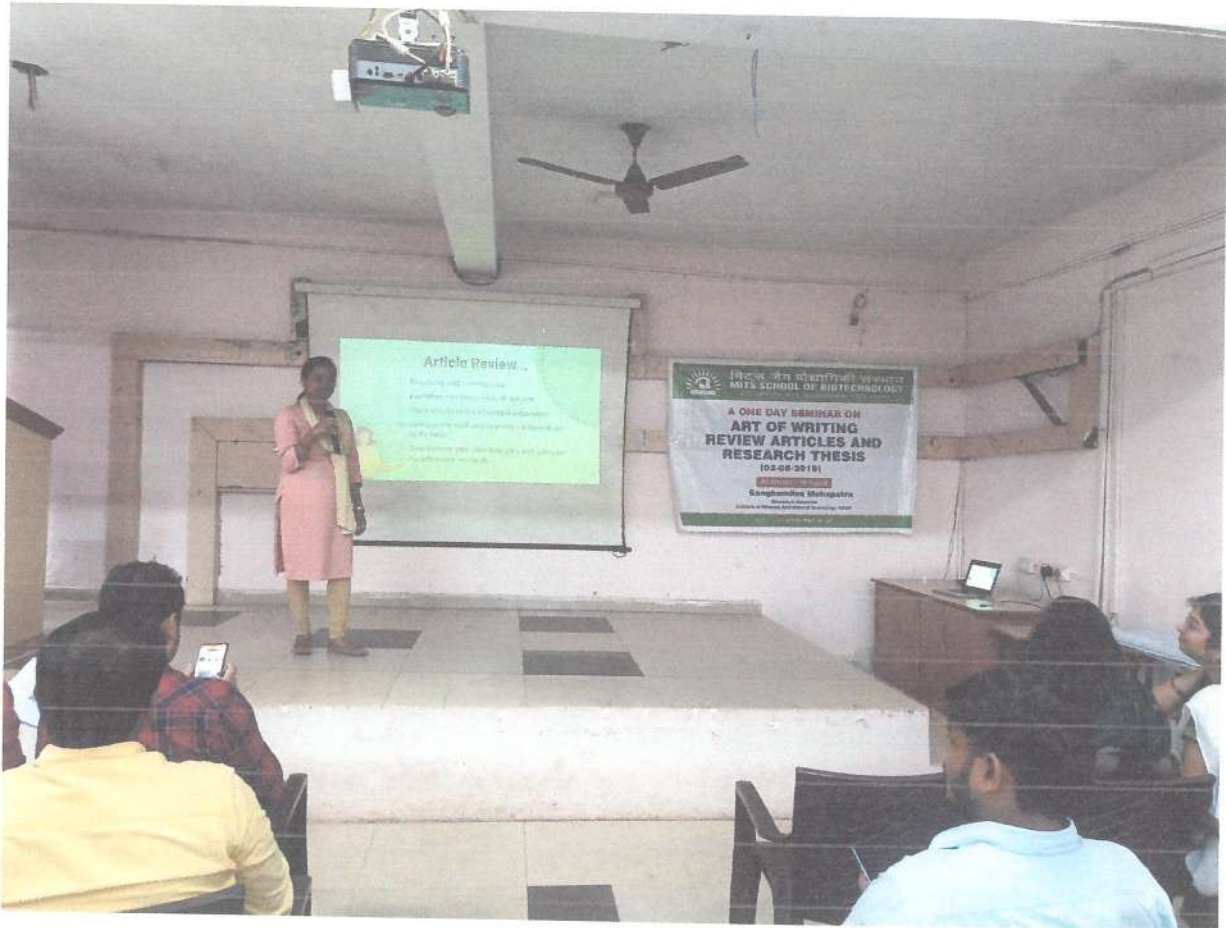
- Theme 1: Generating and choosing an idea
- Theme 2: Connecting with the reader
- Theme 3: Literature review (with specific focus on review based papers)
- Theme 4: Making claims and supporting them
- Theme 5: Drafting a research paper
- Theme 6: Citations and referencing
- Theme 6: Plagiarism and ethics of paper writing

### Outcome of the programme

- Students acquire insight in to how to draft a review article and project proposal
- Students will get an idea on how to check the project proposal and review article for plagiarism

**No. of Participants: 34**





Resource Person Mrs. Sanghamitra Mohapatra Delivering a Talk on the seminar *“Art of writing Review Articles and research thesis”* at MSB, BBSR on Dt: 02.08.2018.

*Cepe*  
DIRECTOR  
MITS School of Technology  
Bhubaneswar



05/09/2018

### CIRCULAR

This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise "*A Seminar on Research Trends in Genetic Engineering and Biotechnology*" on 15<sup>th</sup> September 2018. Interested students shall register their names at the office of the coordinator on or before 4PM, 14<sup>th</sup> September 2018.







Venue: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology



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Director  
MITS School of Biotechnology  
Bhubaneswar

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## REGISTRATION FORM

Name.....

Course .....Yr(1/2/3)

Roll No.....

Institution.....

Address for Communication:

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.....

.....

Mobile.....

Email.....

Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 14.09.2018

Email: rrmishramsb@gmail.com

**Address for Communication**

**Prof. Rashmi Ranjan Mishra**

Coordinator, Assoc. Professor Contact:  
+91-9439215277

**Chief Patron**

**Er. Sriram Panda**  
Chief Executive  
MITS Group

**Patron**

**Dr. G.K. Panda**  
Director  
MITS School of Biotechnology

**Convenor**

**Dr. Swati Mishra**  
Assoc. Professor  
Dept. of **Biotechnology**

**Coordinator**

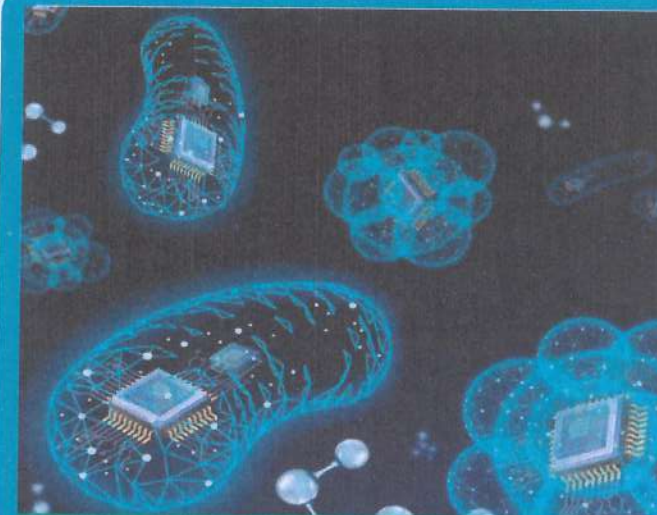
**Dr. Rashmi Ranjan Mishra**  
Head  
Dept. of **Biotechnology**

**Advisory Committee**

**Prof. T.C Kar**  
Dept. of **Biotechnology**

**Dr. Manisha Patnaik**  
Dept. of **Biotechnology**

**Dr. Mousumi Mishra**  
Dept. of **Biotechnology**



**A**  
**seminar on "Research Trends  
In Genetic Engineering and  
Biotechnology".**

**Programme Schedule**  
**15.09.2018**



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान**  
**MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)  
Website: msb.ac.in  
Email: principal@msb.ac.in



## About College

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## Courses Offered at MSB

BCA	- 3 Years
B.Sc Biotechnology	- 3 Years
M.Sc Biotechnology	- 2 Years
M.Sc App. Microbiology	- 2 Years

## About Programme

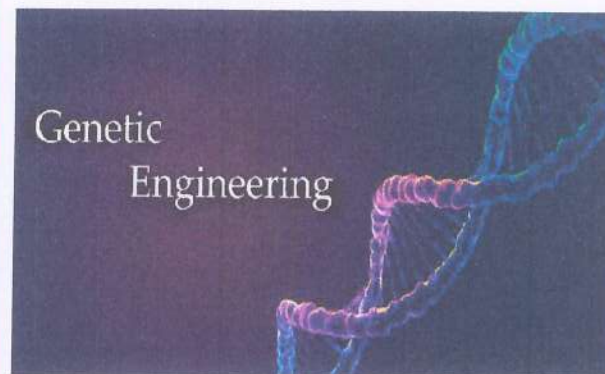
Genetic engineering has been used successfully to develop novel genes of economic importance that can be used to improve the genetics of crop plants. Genetic engineering is the targeted addition of a foreign gene or genes into the genome of an organism. The genes may be isolated from one organism and transferred to another or may be genes of one species that are modified and reinserted into the same species. The new genes, commonly referred to as transgenes, are inserted into a plant by a process called transformation. The inserted gene holds information that will give the organism a trait.



[www.msb.ac.in](http://www.msb.ac.in)

## Objective of the Programme

The objective of the seminar is to bring Researchers, Scientists, Students and Industry persons to a same platform. They will discuss the various aspects of genetic engineering and application of genetic engineering for the benefit of mankind. Advancements in Genetic Engineering emphasizes on the areas such as mutant organisms, DNA replication, recombinant DNA, genetic linkage analysis.



### Resource Person

**Dr. Dipti Priya Sethi**  
Research Associate, Institute of  
Minerals And Material  
Technology, BBSR



Date: 15/09/2018

### LIST OF PARTICIPANTS

Name of the Programme: A Seminar on "RESEARCH TRENDS IN GENETIC ENGINEERING AND BIOTECHNOLOGY."

SL.NO.	List of participants	Year Branch	Signature
1	ABHISHEK THAKUR	3rd Year BSC-BT	Abhishek Thakur
2	PRIYANKA PRADHAN	3rd Year BSC-BT	Priyanka Pradhan
3	BACHANA SAHOO	3rd Year BSC-BT	Bachana Sahoo
4	SHRABANI DAS	3rd Year BSC-BT	Shrabani Das
5	SUNITA DAS	3rd Year BSC-BT	Sunita Das
6	KRUPASINDHU MAHANTA	3rd Year BSC-BT	Krupasindhu Mahanta
7	SWATI MISHRA	3rd Year BSC-BT	Swati Mishra
8	PRIYANKA PANDA	3rd Year BSC-BT	Priyanka Panda
9	PALLABI PRADHAN	2nd Year MSC-BT	Pallabi Pradhan
10	SUBHANA QUADRI	2nd Year MSC-AMB	Subhana Quadri
11	ASWINI KUMAR DAS	3rd Year BSC-BT	Aswini Kumar Das
12	SOURAV PRIYADARSHI	3rd Year BSC-BT	Sourav Priyadarshi
13	ALORA SAHOO	3rd Year BSC-BT	Alora Sahoo
14	SIMA KARMARKAR	3rd Year BSC-BT	Sima Karmarkar
15	RITU PRADHAN	2nd Year MSC-BT	Ritu Pradhan
16	SRIPAD G. SAMANTA SINGH	2nd Year MSC-AMB	Sripad G. Samanta Singh
17	RAJEEV RANJAN	2nd Year MSC-BT	Sandeepata Pati
18	SANDEEPTA PATI	2nd Year MSC-BT	Sandeepata Pati
19	SUSHREE SHIBANI PANIGRAHI	2nd Year MSC-BT	Sushree Shibani Panigrahi
20	MANISHA MISHRA	3rd Year BSC-BT	Manisha Mishra
21	BARSHA SAMANTARAY	2nd Year MSC-BT	Pabitra Bag
22	PABITRA BAG	2nd Year MSC-BT	Pabitra Bag
23	HOMADEEPALI MOHANTY	3rd Year BSC-BT	Homadeepali Mohanty
24	SAMPREET SUVANKAR RAY	3rd Year BSC-BT	Sampreet Suvarakar Ray
25	AKASH KUMAR PANDEY	3rd Year BSC-BT	Akash Kumar Pandey
26	BARSHASHREE ADHYA	2nd Year MSC-BT	Barshashree Adhya
27	BISWAJIT SAHOO	2nd Year MSC-BT	Biswajit Sahoo
28	ANISHA MOHAPATRA	2nd Year MSC-BT	Anisha Mohapatra
29	JAYASHREE SAHA	3rd Year BSC-BT	Jayashree Saha
30	SHIVANI SENAPATI	3rd Year BSC-BT	Shivani Senapati
31	SWATI SRIYA PATRA	2nd Year MSC-AMB	Swati Sriya Patra
32	SOUMENDRA SINGH DEO	2nd Year MSC-BT	Soumendha Singh Deo
33	MONICA MAHAPATRA	2nd Year MSC-BT	Monika Mahapatra
34	SIDDHARTH DAS MOHAPATRA	3rd Year BSC-BT	Siddharth Das Mohapatra



COORDINATOR



DIRECTOR

Director

MITS School of Biotechnology  
Bhubaneswar



## PROGRAMME REPORT

17/09/2018

Programme Name	<b>A Seminar on “Research Trends in Genetic Engineering and Biotechnology</b>
Date of Activity:	15/09/2018
Resource Person:	Dr. Diptipriya Sethi CSIR Fellow, IMMT, Bhubaneswar Contact No: 9938488500 Email: dipti.priya123@gmail.com
Organised By:	MITS School of Biotechnology
Venue:	Dept. Biotechnology, MSB, Bhubaneswar

### Objective of the programme

Genetic Engineering and Biotechnology is a field of applied science, which involves the use of plants, animals, humans and microbes in Engineering, Technology, Medicine and other fields requiring bioproducts. This multi-disciplinary conference aims to provide a challenging forum for researchers, academicians and industry practitioners to share their original research and product development experiences in emerging areas.

### Topic Covered

Theme 1: Genetic engineering in biotechnology

Theme 2: Gene therapy

Theme 3: Genetic sequencing, gene editing

### Outcome of the programme

- Students will get an idea recent trends and methods of genetic engineering and its application.
- Students also know about Gene therapy and next generation sequencing, together, will lead the biotechnology field to a fulfilling future.

**No. of Participants: 34**





Resource Person **Dr. Diptipriya Sethi** Delivering a Talk in the seminar **“Research Trends in Genetic Engineering and Bioetchnology”** at. MSB, BBSR, on 15.09.2018.



07.11.2018

## CIRCULAR

This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise "*A One Day Seminar on Recent Trends in Microbiology and Biotechnology*" on 16<sup>th</sup> November 2018. Interested students shall register their names at the office of the coordinator on or before 4PM, 15<sup>th</sup> November 2018.




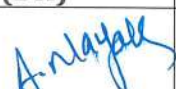
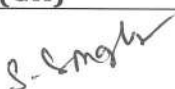

Venue: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology



DIRECTOR

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## REGISTRATION FORM

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Roll No.....

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Address for Communication:

Mobile.....

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Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 15.11.2018

Email: rashmiranjan93@gmail.com

**Address for Communication**

**Dr.R.R Mishra**

Head, Department of Biotechnology

Contact: +91-7978528311

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**Er. Sriram Panda**

Chief Executive  
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**Patron**

**Dr. G.K. Panda**

Director  
MITS School of Biotechnology

**Convenor**

**Dr. Swati Mishra**

Asst Professor  
Dept. of Biotechnology

**Coordinator**

**Dr. R.R Mishra**

Head  
Dept. of Biotechnology

**Advisory Committee**

**Dr. Mousumi Mishra**

Dept. of Biotechnology

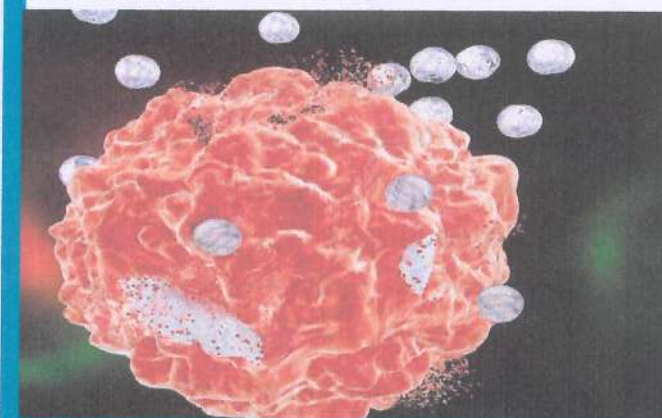
**Dr. Manisha Pattnaik**

Dept. of Biotechnology

**Dr. Smaranika Sahoo**

Dept. Of Biotechnology

## A ONE DAY SEMINAR ON



### “RECENT TRENDS IN MICROBIOLOGY AND BIOTECHNOLOGY”

Programme Schedule:  
16-11-2018



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान**  
**MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)

Website: msb.ac.in

Email: principal@msb.ac.in



## About College

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BCA	- 3 Years
B.Sc Biotechnology	- 3 Years
M.Sc Biotechnology	- 2 Years
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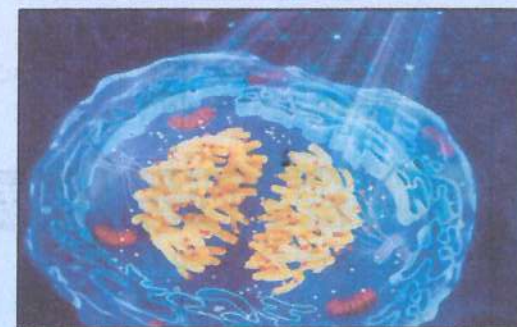
## About Programme

Biotechnology is one of the major technologies of the twenty first century. It's wide ranging, multi-disciplinary activities include recombinant DNA techniques, cloning and application of microbiology to the production of goods from bread to anti biotics and recombinant products. Most current biotechnology applications are of microbial original, and it is widely appreciated that the microbial world contains by far the greatest fraction of biodiversity in the biosphere. There has been great advances of biotechnological researches in the recent past which need to be highlighted for the benefit of scientific communitywide. The department of biotechnology MITS School of Biotechnology is going to organize a seminar on "Recent trends in microbiology and biotechnology" to encourage the active participation of young research scholars, scientist and academicians to showcase their progress in recent areas of microbial and biotechnological research.



## Objective of the Programme

The objective of the conference is to share the knowledge about the recent tools and techniques used in various areas of microbiology and biotechnological research towards human benefit and for a better livelihood. The national seminar aims to bring together leading academicians, scientist, researchers, research scholars, graduate and undergraduate students to exchange and share their experiences about the recent development in microbial and biotechnological research.



**Resource Person**

**Dr. Sanghamitra Pati,**  
RMRC, BBSR



Date: 16-11-18

### REGISTRATION LIST

Name of the Programme: A one day Seminar on "Recent trends in Microbiology" and Biotechnology.

SN.	Name of the candidate	Name of Institution	Signature
1	SUNITA GOUDA	2nd Year MSC-BT	Sunita Gouda
2	MADHUSMITA BEHERA	2nd Year MSC-AMB	Madhusmita Behera
3	BAITANAYA BISWAL	2nd Year MSC-BT	Baitanaya Biswal
4	SIMMY ALI KHAN	2nd Year MSC-BT	Simmy Ali Khan
5	DOLLY PRADHAN	2nd Year MSC-BT	Dolly Pradhan
6	RASMITA BEHERA	2nd Year MSC-AMB	Rasmita Behera
7	KARISHMA SARANGI	2nd Year MSC-BT	Karishma Sarangi
8	SUPRAVA BEHERA	2nd Year MSC-BT	Suprava Behera
9	SANDEEP MISHRA	2nd Year MSC-AMB	Sandeep Mishra
10	UMEIN RUMAN	2nd Year MSC-BT	Umein Ruman
11	SWATI MISHRA	2nd Year MSC-AMB	Swati Mishra
12	ANKITA MISHRA	2nd Year MSC-BT	Ankita Mishra
13	NAINIKA SINGH	2nd Year MSC-BT	Nainika Singh
14	UMESH C. NATHSMARMA	2nd Year MSC-AMB	Umesh Ch. Nathsmarma
15	DEEPAK KUMAR MALLICK	2nd Year MSC-BT	Deepak Kumar Mallik
16	DEEPIKA KHANDAI	2nd Year MSC-BT	Deepika Khandai
17	SUMIT SOURAV PARIDA	2nd Year MSC-AMB	Sumit Sourav Parida
18	DARAKSHAN GAUHAR	2nd Year MSC-BT	Darakshan Gauhar
19	NEHA KUMARI	2nd Year MSC-BT	Neha Kumari
20	SOUMYA S. MALLICK	2nd Year MSC-BT	Soumya S. Mallick
21	SUSHREESMITA SAHOO	2nd Year MSC-BT	Sushreesmita Sahoo
22	SUSHREE S. SAHOO	2nd Year MSC-AMB	Sushree S. Sahoo
23	PRIYANKA R. PRADHAN	2nd Year MSC-BT	Priyanka R. Pradhan
24	JAYASHREE SAHA	3rd Year BSC-BT	Jayashree Saha
25	KRUPASINDHU MAHANTA	3rd Year BSC-BT	Krupasindhu Mahanta
26	MANISHA MISHRA	3rd Year BSC-BT	Manisha Mishra
27	MONICA MAHAPATRA	2nd Year MSC-BT	Monica Mahapatra
28	A.K.SUDHACHANDAN	2nd Year MSC-BT	A.K. Sudhachandan
29	SAMBIT KUMAR DUTTA	2nd Year MSC-AMB	Sambit Kumar Dutta
30	JATEEN KUMAR SWAIN	2nd Year MSC-AMB	Jateen Kumar Swain
31	RONIT RUPAYAN	2nd Year MSC-AMB	Ronit Rupayan
32	SAMPRAATIKA SAHU	2nd Year MSC-BT	Samprikatika Sahu
33	MALKA TABASUM	2nd Year MSC-BT	Malika Tabasum
34	SUBHASHREE BARIK	2nd Year MSC-BT	Subhashree Barik
35	SANDEEPTA PATI	2nd Year MSC-BT	Sandeeptha Pati
36	SUSHREE S. PANIGRAHI	2nd Year MSC-BT	Sushree S. Panigrahi
37	BARSHA SAMANTARAY	2nd Year MSC-BT	Barsha Samantaray

  
COORDINATOR

  
DIRECTOR

Director  
MITS School of Biotechnology  
Bhubaneswar



## PROGRAMME REPORT

17/11/2018

Programme Name	<b>One Day Seminar on Recent Trends in Microbiology and Biotechnology</b>	
Date of Activity:	16/11//2018	
Resource Person:	Dr. Sanghamitra Pati Director, RMRC, Bhubaneswar Contact No: 06742301332 Email: <a href="mailto:sanghamitra.pati@icmr.gov.in">sanghamitra.pati@icmr.gov.in</a>	
Organised By:	MITS School of Biotechnology	
Venue:	Dept. Biotechnology, MSB, Bhubaneswar	

### Objective of the programme

Microbial technology is known as any technological application that uses microbiological systems, microbial organisms or their derivatives, to manufacture or modify products or processes for specific use. Microbial genomics and microbial biotechnology research is critical for advances in food safety, food security, biotechnology, value-added products, human nutrition and functional foods, plant and animal protection, and furthering fundamental research in the agricultural sciences.

### Topic Covered

Theme 1: Bioprocessing (biochemical engineering, applied enzymology, industrial biotechnology, biofuels, metabolic engineering)

Theme 2: Materials and devices (bio nanotechnology, biomaterials, diagnostics/imaging/detection, soft robotics, biosensors/bioelectronics)

Theme 3: Microbes in food (role of microbes in food production)

### Outcome of the programme


- Students acquire insight in to subjects like Microbiology, Molecular Biology and Genetic Engineering.
- Well versed with biotechnological remedies for human health and environmental problems.
- Trained in basic and advanced areas in Biotechnology to develop Biotechnological processes and products.

**No. of Participants: 37**





Seminar on Recent Trends in Microbiology and Biotechnology (RTMB-2018) on 16<sup>th</sup> November 2018. (Resource Person: Dr. Sanghamitra Pati).

  
Director  
MITS School of Biotechnology  
Bhubaneswar  
DIRECTOR



27/12/2018

## CIRCULAR





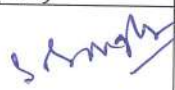
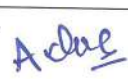
This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise on the topic "**A One Day Seminar on Qualitative and Quantitative Research Methodologies**" on 5<sup>th</sup> January 2019. Interested students shall register their names at the office of the coordinator on or before 4PM, 4<sup>th</sup> January 2019.

Venue: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology



**DIRECTOR**  
Director  
MITS School of Biotechnology  
Bhubaneswar

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C.E. for information					



## REGISTRATION FORM

Name.....  
Course .....Yr(1/2/3)  
Roll No.....  
Institution.....  
.....  
**Address for Communication:**  
.....  
.....  
.....  
.....  
Mobile.....  
Email.....

Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 04.01.2019

Email: [rrmishramsb@gmail.com](mailto:rrmishramsb@gmail.com)

**Address for Communication**

**Prof. Rashmi Ranjan Mishra**

Coordinator, Assoc. Professor Contact:  
+91-9439215277

### Chief Patron

**Er. Sriram Panda**

Chief Executive  
MITS Group

### Patron

**Dr. G.K. Panda**

Director  
MITS School of Biotechnology

### Convenor

**Dr. Swati Mishra**

Asst Professor  
Dept. of **Biotechnology**

### Coordinator

**Dr. Rashmi Ranjan Mishra**

Head  
Dept. of Biotechnology

### Advisory Committee

**Prof. T.C Kar**

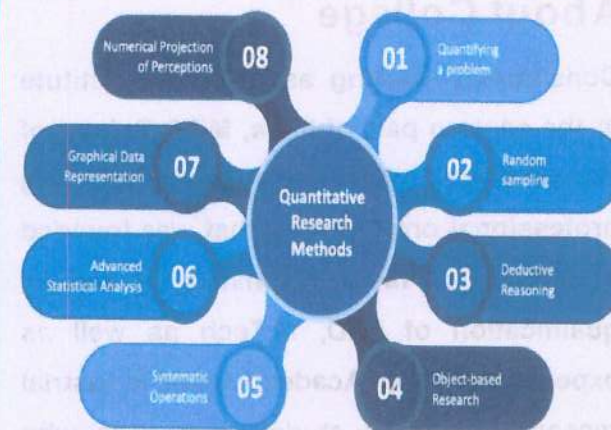
Dept. of Biotechnology

**Dr. Mousumi Mishra**

Dept. of Biotechnology

**Dr. Smaranika Sahoo**

Dept. of Biotechnology



A

## One day seminar on "Qualitative and Quantitative Research Methodologies"

Programme Schedule

05.01.2019



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान**  
**MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)  
Website: [msb.ac.in](http://msb.ac.in)  
Email: [principal@msb.ac.in](mailto:principal@msb.ac.in)



## About College

Consistently ranking as the best institute in the eastern part of India, MITS School of Biotechnology (MSB) is a self financing professional organisation that was founded in 2003. The faculty consists of having qualification of PhD, M.Tech as well as experience in both Academics and industrial research, so as the student graduates, who are equally impressive mostly working in leading industries of Biotechnology, Pharma and IT. MSB is considered to be most selective, accepting, growing and proven institute under Utkal University. The institute is located at the prime location of Infocity, Bhubaneswar. This prestigious institute includes popular programs of Biotechnology, Applied Micro Biology and Computer Science.

## Courses Offered at MSB

BCA	- 3 Years
B.Sc Biotechnology	- 3 Years
M.Sc Biotechnology	- 2 Years
M.Sc App. Microbiology	- 2 Years

## About Programme

Qualitative research involves collecting and analyzing non-numerical data (e.g., text, video, or audio) to understand concepts, opinions, or experiences. It can be used to gather in-depth insights into a problem or generate new ideas for research. Qualitative research is the opposite of quantitative research, which involves collecting and analyzing numerical data for statistical analysis. Qualitative research is commonly used in the humanities and social sciences, in subjects such as anthropology, sociology, education, health sciences, history, etc. Qualitative research is used to understand how people experience the world.



## Objective of the Programme

The objective of the present seminar is to understand the difference between qualitative and quantitative research. It will help the researcher to understand the opinions, reasons, causes or trends that hide behind the data. The face to face interview method of data collection is the most commonly used method in qualitative research in which a small sample of respondents is interviewed for a long time, even for hours.



**Sabyasachi Parida**  
Assistant Professor, Dept.  
Microbiology, MPC Autonomous  
College, Baripada



Date: 05/01/2019

### LIST OF PARTICIPANTS

Name of the Programme: A one day Seminar on "QUALITATIVE AND QUANTITATIVE RESEARCH METHODOLOGIES"

SL.NO.	List of participants	Name of Institution	Signature
1	KAJAL SETHY	2nd Year MSC-BT	Kajal sethy
2	RUCHIKA NAYAK	2nd Year MSC-BT	Ruchika Nayak
3	AISHWARYA SWAIN	2nd Year MSC-AMB	Aishwarya Swain
4	SUSHREE CHOUDHURY	2nd Year MSC-BT	Sushree choudhury
5	MONICA MAHAPATRA	2nd Year MSC-BT	Monica Mahapatra
6	SWETA SINGH SAMANTA	2nd Year MSC-BT	Sweta Singh Samanta
7	S.ANINDITA JENA	2nd Year MSC-AMB	S. Anindita Jena
8	UDIPTANITA RATH	2nd Year MSC-BT	Udipatnita Rath
9	IPSITA MISHRA	2nd Year MSC-BT	Ipsita Mishra
10	SWAPNA P. PRADHAN	2nd Year MSC-BT	Swapna P. Pradhan
11	SASWAT KUMAR PANDA	2nd Year MSC-BT	Saswat Kumar Panda
12	ANKITA MISHRA	2nd Year MSC-BT	ANKITA MISHRA
13	NAINIKA SINGH	2nd Year MSC-BT	Nainika Singh
14	UMESH C. NATHSMARMA	2nd Year MSC-AMB	Umesh C. Nathsmarma
15	DEEPAK KUMAR MALLICK	2nd Year MSC-BT	Deepak Kumar Mallick
16	DEEPIKA KHANDAI	2nd Year MSC-BT	Deepika Khandai
17	SUMIT SOURAV PARIDA	2nd Year MSC-AMB	Sumit Sourav Parida
18	DARAKSHAN GAUHR	2nd Year MSC-BT	Neha Kumari
19	NEHA KUMARI	2nd Year MSC-BT	Neha Kumari
20	SOUMYA S. MALLICK	2nd Year MSC-BT	Soumya S. mallick
21	SUSHREESMITA SAHOO	2nd Year MSC-BT	Sushreemita Sahoo
22	SUSHREE S. SAHOO	2nd Year MSC-AMB	Sushree S. Sahoo
23	PRIYANKA RANI PRADHAN	2nd Year MSC-BT	Priyanka Rani pradhan
24	SUNITA GOUDA	2nd Year MSC-BT	Sunita Gouda
25	MADHUSMITA BEHERA	2nd Year MSC-AMB	Madhusmita Behera
26	BAITANAYA BISWAL	2nd Year MSC-BT	Baitanaya Biswal
27	SIMMY ALI KHAN	2nd Year MSC-BT	Simmy Ali Khan
28	DOLLY PRADHAN	2nd Year MSC-BT	Dolly Pradhan
29	RASMITA BEHERA	2nd Year MSC-AMB	Rasmita Behera
30	KARISHMA SARANGI	2nd Year MSC-BT	Karishma Sarangi
31	SUPRAVA BEHERA	2nd Year MSC-BT	Suprava Behara
32	SANDEEP MISHRA	2nd Year MSC-AMB	Sandeep mishra
33	UMEIN RUMAN	2nd Year MSC-BT	Umein Ruman
34	SWATI MISHRA	2nd Year MSC-AMB	Swati Mishra

  
COORDINATOR

  
DIRECTOR  
Director  
MITS School of Biotechnology  
Bhubaneswar



## PROGRAMME REPORT

06/01/2019

Programme Name	<b>A One Day Seminar on "Qualitative and Quantitative Research Methodologies</b>
Date of Activity:	05/01/2019
Resource Person:	Mr. Sabyasachi Parida Asst. Prof. Dept. Biotech., MPC Autonomous College, Baripada Contact No: 7978286156 Email: <i>s.parida@gmail.com</i>
Organised By:	MITS School of Biotechnology
Venue:	Dept. Biotechnology, MSB, Bhubaneswar

### Objective of the programme

The Research Methodology course was tailor-made to facilitate the academic requirements of students. The workshop was conceptualised with the intention of knowledge-building on the fundamentals of research concepts, methodologies and processes. Research methodology seminars are designed to teach students the principles and techniques used in conducting research studies. This seminar aimed to provide students with the skills and knowledge necessary to conduct rigorous and ethical research studies

### Topic Covered

Theme 1: Research design: This includes the selection of research methods and the development of research questions and hypotheses

Theme 2: Sampling techniques: This includes the selection of participants for a study and the strategies used to ensure that the sample is representative of the population being studied

Theme 3: Data collection: This includes the use of various methods for collecting data, such as surveys, interviews, and observation

Theme 4: Data analysis: This includes the use of statistical methods to analyze data and draw conclusions

Theme 4: Ethics in research: This includes ethical considerations in conducting research, such as ensuring participant confidentiality and obtaining informed consent

### Outcome of the programme

- Demonstrate the ability to choose methods appropriate to research aims and objectives.
- Understand the limitations of particular research methods.
- Develop skills in qualitative and quantitative data analysis and presentation. Develop advanced critical thinking skills.

**No. of Participants: 33**

Pg 1 of 2





Resource Person **Mr. Sabyasachi Parida**, delivering a talk in the seminar “*Qualitative and quantitative research methodologies*” at MSB, BBSR on 05.01.2019.

  
Director  
MITS School of Biotechnology  
Bhubaneswar

**DIRECTOR**



29/01/2019

## CIRCULAR







This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise "*A One Day Seminar on Challenges and Opportunities of Biotechnology Research in India*" on 7<sup>th</sup> February 2019. Interested students shall register their names at the office of the coordinator on or before 4PM, 6<sup>th</sup> February 2019.

Venue: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology



**DIRECTOR**  
MITS School of Biotechnology  
Bhubaneswar

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C.E. for information					



## REGISTRATION FORM

Name.....

Course ..... Yr(1/2/3)

Roll No.....

Institution.....

Address for Communication:

Mobile.....

Email.....

Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 01.07.2019

Email: rashmيرانjan93@gmail.com

Address for Communication

**Dr. R.R Mishra**

Coordinator

Contact: +91-7978528311

**Chief Patron**

**Er. Sriram Panda**  
Chief Executive  
MITS Group

**Patron**

**Dr. G.K. Panda**  
Director  
MITS School of Biotechnology

**Convenor**

**Dr. Swati Mishra**  
Assoc. Professor  
Dept. of Biotechnology

**Coordinator**

**R.R Mishra**  
Assoc. Professor  
Dept. of Biotechnology

**Advisory Committee**

**Prof. Smaranika Sahu**  
Dept. of Biotechnology

**Dr. Manisha Pattnaik**  
Dept. of Biotechnology

**Dr. Mousumi Mishra**  
Dept. of Biotechnology

**A**

## ONE DAY SEMINAR ON



**"CHALLENGES AND OPPORTUNITIES  
OF BIOTECHNOLOGY RESEARCH IN  
INDIA"**

Programme Schedule:  
07/02/2019



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान  
MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)  
Website: msb.ac.in  
Email: principal@msb.ac.in



## About College

Consistently ranking as the best institute in the eastern part of India, MITS School of Biotechnology (MSB) is a self-financing professional organization that was founded in 2003. The faculty consists of having qualification of PhD, MTech as well as experience in both Academics and industrial research, so as the student graduates, who are equally impressive mostly working in leading industries of Biotechnology, Pharma and IT. MSB is considered to be most selective, accepting, growing and proven institute under Utkal University. The institute is located at the prime location of Infocity, Bhubaneswar. This prestigious institute includes popular programs of Biotechnology, Applied Microbiology and Computer Science.

## Courses Offered at MSB

BCA	- 3 Years
B.Sc Biotechnology	- 3 Years
M.Sc Biotechnology	- 2 Years
M.Sc App. Microbiology	- 2 Years

## About Programme

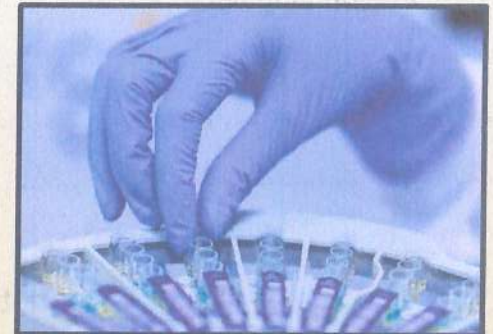
Biotechnology have touched every corner of the world laying major stress on applications to the environment, drugs, vaccines including a range of biopharmaceuticals, diagnostics, transgenic crops, improved tools for upgrading animal reproduction and quality, useful microbes, and food ingredients. Though India has improved its potential to contribute more to this industry, but in spite of infrastructure, funds, manpower, it need to put more efforts on up-grading system by building funding options, venture capitalists, bio-networking, IP development. Government initiatives are harnessing its valuable potential to derive values from technology. This seminar aims to discuss about the Biotechnology scope and research in India. This seminar will be a study about the opportunities in biotechnology research and challenges that it brings along with it.



## Objective of the Programme

The objective of the program is to discuss the following themes.

- To discuss about the major research institutes undertaking Biotechnology research
- What are the scopes of Biotechnology research In India?
- Development of Biotechnology Research in the field of Agriculture, Health sectors
- What are the major drawback of Biotechnology Research?



**Resource Person**

**Dr.Sanatan Majhi,**

Dept.of Biotechnology,Utkal University



Date:07/02/2019

### LIST OF PARTICIPANTS

Name of the Programme: One day seminar on "CHALLENGES AND OPPORTUNITIES OF BIOTECHNOLOGY RESEARCH IN INDIA."

SL.NO.	Name of the participant	Year Batch	Signature
1	ALOK SAHU	3 <sup>RD</sup> YR BSC-BT	Alok Sahu
2	SILITIKA MISHRA	3 <sup>RD</sup> YR BSC-BT	Silitika Mishra
3	A. K. SUDHACHANDAN	2 <sup>ND</sup> YR MSC-BT	A. K. Sudhachandan
4	DURGAMADHAM SWAIN	3 <sup>RD</sup> YR BSC-BT	Durgamadham Swain
5	SAMBIT KUMAR DUTTA	2 <sup>ND</sup> YR MSC-BT	Sambit Kumar Dutta
6	BISWARANJAN PATRA	3 <sup>RD</sup> YR BSC-BT	Biswaranjan Patra
7	PRADIPTA PRAN NATH	3 <sup>RD</sup> YR BSC-BT	PRADIPTA PRAN NATH
8	JATEEN KUMAR SWAIN	2 <sup>ND</sup> YR MSC-BT	Jateen Kumar Swain
9	ARUN KUMAR MOHARANA	3 <sup>RD</sup> YR BSC-BT	Arun Kumar Moharana
10	RONIT RUPAYAN	2 <sup>ND</sup> YR MSC-BT	Ronit Rupayan
11	SAMPRAATIKA SAHU	2 <sup>ND</sup> YR MSC-BT	Sampatika Sahu
12	SANDIP KUMAR ROUTH	3 <sup>RD</sup> YR BSC-BT	Sandip Kumar Routh
13	MALKA TABASUM	2 <sup>ND</sup> YR MSC-BT	Malika Tabasum
14	SUBHASHREE BARIK	2 <sup>ND</sup> YR MSC-BT	Subhashree Barik
15	SRUSTI DAS	3 <sup>RD</sup> YR BSC-BT	Srusti Das
16	SMRUTI SIKHA SINGH	2 <sup>ND</sup> YR MSC-AMB	Smruti Singh
17	DIBYA MOHAN PRUSTY	3 <sup>RD</sup> YR BSC-BT	Dibya Mohan Prusty
18	BRAJA BANDHU SWAIN	2 <sup>ND</sup> YR MSC-AMB	BRAJA BANDHU SWAIN
19	SOUMYA RANJAN ROUTH	3 <sup>RD</sup> YR BSC-BT	Soumya Ranjan Routh
20	DEBASHISH PATRA	3 <sup>RD</sup> YR BSC-BT	Debashish Patra
21	BIJAYALAXMI JENA	2 <sup>ND</sup> YR MSC-BT	Bijayalaxmi Jena
22	NEHA PUROHIT	3 <sup>RD</sup> YR BSC-BT	Neha Purohit
23	CHANDRABHANU MOHAPATRA	3 <sup>RD</sup> YR BSC-BT	Chandrabhanu Mohapatra
24	MONALISA KISHAN	3 <sup>RD</sup> YR BSC-BT	Monalisa Kishan
25	SRIKANTA BARIK	3 <sup>RD</sup> YR BSC-BT	Srikanta Barik
26	ELIZA PRIYADARSHINI	2 <sup>ND</sup> YR MSC-BT	Eliza Priyadarshini
27	SUCHISMITA SAHOO	3 <sup>RD</sup> YR BSC-BT	Suchismita Sahoo
28	SHUBHRANSHU S. ACHARYA	2 <sup>ND</sup> YR MSC-BT	Shubhranshu S. Acharya
29	SUMITRA ACHARYA	2 <sup>ND</sup> YR MSC-BT	Sumitra Acharya
30	RIYA JALAN	2 <sup>ND</sup> YR MSC-BT	Riya Jalan
31	P. AGNEE KUMARI	3 <sup>RD</sup> YR BSC-BT	P. Agnee Kumari
32	SIDDHARTH SATAPATHY	3 <sup>RD</sup> YR BSC-BT	Siddharth Satapathy
33	ANKITA MISHRA	3 <sup>RD</sup> YR BSC-BT	Ankita Mishra
34	SHIBANI PANIGRAHI	3 <sup>RD</sup> YR BSC-BT	Shibani Panigrahi

  
COORDINATOR

  
DIRECTOR  
MITS School of Biotechnology  
Bhubaneswar



## PROGRAMME REPORT

08/02/2019

Programme Name	<b>A One day Seminar on Challenges and Opportunities of Biotechnology Research in India</b>
Date of Activity:	07/02/2019
Resource Person:	Dr. Sanatan Majhi Asst. Prof. Dept of Biotech., Utkal University, Bhubaneswar Contact No: 0943812873 Email: sanatan.biotech@utkaluniversity.ac.in
Organised By:	MITS School of Biotechnology
Venue:	Dept. Biotechnology, MSB, Bhubaneswar

### Objective of the programme

Modern biotechnology provides breakthrough products and technologies to combat debilitating and rare diseases, reduce our environmental footprint, feed the hungry, use less and cleaner energy, and have safer, cleaner and more efficient industrial manufacturing processes.

- To develop and provide excellent research tools and capabilities through our resource facilities
- To enable student to acquire specialized skills in core aspects of biotechnology and apply them for the development of innovative technologies
- To promote, support and facilitate the overall development of both traditional and modern Biotechnology in the State, including livelihood development programmes

### Topic Covered

- Theme 1: Plant Biotechnology
- Theme 2: Animal Biotechnology
- Theme: 3: Microbiology
- Theme: 4 Bioinformatics

### Outcome of the programme

- Students develop global competencies in the area of basic and applied biological sciences.
- Enhancing the subject knowledge of students by using traditional and modern ICT based teaching methods and learning by doing
- To enrich students' knowledge and train them in various branches of Biotechnology such as genetics, molecular biology, biochemistry, immunology, fermentation technology,

**No. of Participants: 34**





Resource Person **Dr. Sanatan Majhi** Delivering a Talk on *Challenges and Opportunities of Biotechnology Research In India* at MSB, BBSR on 07.02.2019.

  
Director  
MITS School of Biotechnology  
Bhubaneswar  
**DIRECTOR**



05/03/2019







## CIRCULAR

This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise **"A One Day Seminar on IPR in Biotechnology and Bioinformatics"** on 14<sup>th</sup> March 2019. Interested students shall register their names at the office of the coordinator on or before 4PM, 13<sup>th</sup> March 2019.

Venue: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology

  
**DIRECTOR**  
Director  
MITS School of Biotechnology  
Bhubaneswar

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## REGISTRATION FORM

Name.....

Course ..... Yr(1/2/3)

Roll No.....

Institution.....

Address for Communication:

.....

.....

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Mobile.....

Email.....

Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 13.03.2019

Email: rrmishramsb@gmail.com

**Address for Communication**

**Prof. Rashmi Ranjan Mishra**

Coordinator, Assoc. Professor Contact:  
+91-9439215277

**Chief Patron**

**Er. Sriram Panda**  
Chief Executive  
MITS Group

**Patron**

**Dr. G.K. Panda**  
Director  
MITS School of Biotechnology

**Convenor**

**Dr. Swati Mishra**  
Asst Professor  
Dept. of Biotechnology

**Coordinator**

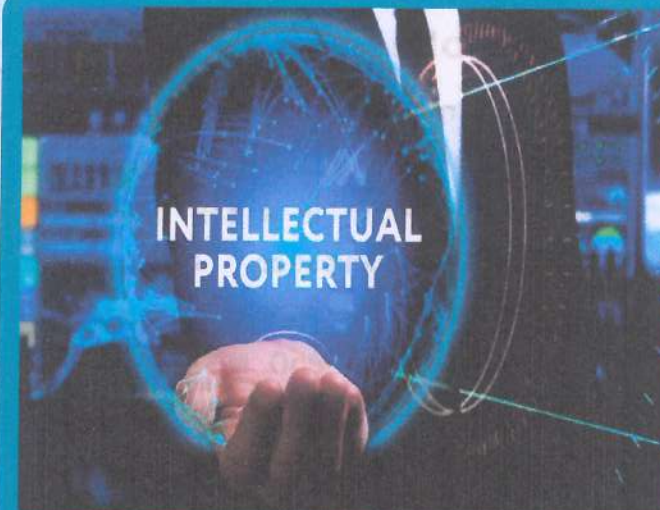
**Dr. R.R Mishra**  
Asst Professor  
Dept. of Biotechnology

**Advisory Committee**

**Prof. Smaranika Sahoo**  
Dept. of Biotechnology

**Dr. Mousumi Mishra**  
Dept. of Biotechnology

**Dr. Manisha Patnaik**  
Dept. of Biotechnology



**A**

**One Day Seminar**  
**"IPR In Biotechnology and**  
**Bioinformatics:**

**Programme Schedule**  
**14.03.2019**



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान**  
**MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)  
Website: msb.ac.in  
Email: principal@msb.ac.in



## About College

Consistently ranking as the best institute in the eastern part of India, MITS School of Biotechnology (MSB) is a self financing professional organisation that was founded in 2003. The faculty consists of having qualification of PhD, M.Tech as well as experience in both Academics and industrial research, so as the student graduates, who are equally impressive mostly working in leading industries of Biotechnology, Pharma and IT. MSB is considered to be most selective, accepting, growing and proven institute under Utkal University. The institute is located at the prime location of Infocity, Bhubaneswar. This prestigious institute includes popular programs of Biotechnology, Applied Micro Biology and Computer Science.

## Courses Offered at MSB

BCA	- 3 Years
B.Sc Biotechnology	- 3 Years
M.Sc Biotechnology	- 2 Years
M.Sc App. Microbiology	- 2 Years

## About Programme

Intellectual Property is the term used to describe the branch of law which protects the application of thoughts, ideas and information which are of commercial value. It thus covers the law relating to patents, copyrights, trademarks, trade secrets and other similar rights. The development of the genetic resources of biodiversity is known as biotechnology. Broadly defined, biotechnology includes any technique that uses living organisms or parts of organisms to make or modify products, to improve plants or animals, or to develop microorganisms for specific uses. Mankind has used forms of biotechnology since the dawn of civilization.



## Objective of the Programme

The main objective of the seminar is to create awareness about Intellectual property rights (IPR) There are several types of intellectual property protection like patent, copyright, trademark, etc. Patent is recognition for an invention, which satisfies the criteria of global novelty, non-obviousness, and industrial application.



## Resource Person

**Mr. Samir Ranjan Lenka**  
Company Secretary, MITS Mega  
Food Park Ltd. Rayagada



Date: 14/03/2019

### LIST OF PARTICIPANTS

Name of the Programme: **One-day seminar on "IPR IN BIOTECHNOLOGY AND BIOINFORMATICS."**

SL.NO.	Name of the participant	Year Batch	Signature
1	SARALA NAYAK	3 <sup>rd</sup> YR BSC-BT	Sarala Nayak
2	SHRABANI DAS	3 <sup>rd</sup> YR BSC-BT	Shrabani Das
3	HOMADEEPALI MOHANTY	3 <sup>rd</sup> YR BSC-BT	Homadeepali Mohanty
4	SWAGAT KUMAR TRIPATHY	3 <sup>rd</sup> YR BSC-BT	Swagat Kumar Tripathy
5	PRIYANKA RANI PRADHAN	2 <sup>ND</sup> YR MSC-BT	Priyanka Rani Pradhan
6	SIDHARTHA S. PARIDA	3 <sup>rd</sup> YR BSC-BT	Sidhartha S. Parida
7	PRIYAMBADA SARANGI	2 <sup>ND</sup> YR MSC-AMB	Priyambada Sarangi
8	ARPITA MOHAPATRA	3 <sup>rd</sup> YR BSC-BT	Arpita Mohapatra
9	CHIRANTANA KALITA	3 <sup>rd</sup> YR BSC-BT	Chirantana Kalita
10	KARISHMA KUMARI	2 <sup>ND</sup> YR MSC-BT	Karishma Kumari
11	SWETA SINGH SAMANTA	2 <sup>ND</sup> YR MSC-BT	Sweta Singh Samanta
12	SOUMYA SONALIKA MALLICK	2 <sup>ND</sup> YR MSC-BT	Soumya Sonalika Mallick
13	SOUMYA RANJAN ROUT	3 <sup>rd</sup> YR BSC-BT	Soumya Ranjan Rout
14	FAIZAN JAMAL	3 <sup>rd</sup> YR BSC-BT	Faizan Jamal
15	RONIT RUPAYAN	2 <sup>ND</sup> YR MSC-AMB	Ronit Rupayan
16	SUSHREE SHIBANI PANIGRAHI	2 <sup>ND</sup> YR MSC-BT	Sushree Shibani Panigrahi
17	RAKESH RANJAN SAHOO	3 <sup>rd</sup> YR BSC-BT	Rakesh Ranjan Sahoo
18	KRUPASINDHU MAHANTA	3 <sup>rd</sup> YR BSC-BT	Krupasindhu Mahanta
19	PRAGNYA PARAMITA SAHOO	2 <sup>ND</sup> YR MSC-AMB	Pragnya Paramita Sahoo
20	SAHIL RANJAN PANDA	2 <sup>ND</sup> YR MSC-BT	Sahil Ranjan Panda
21	SHIBANI ROUT	3 <sup>rd</sup> YR BSC-BT	Shibani Rout
22	SAMBIT KUMAR DUTTA	2 <sup>ND</sup> YR MSC-AMB	Sambit Kumar Dutta
23	SUMITRA ACHARYA	2 <sup>ND</sup> YR MSC-AMB	Sumitra Acharya
24	PRIYAMBADA MOHARANA	3 <sup>rd</sup> YR BSC-BT	Priyambada Moharana
25	SUSHREE SUBHASHMITA SAHOO	2 <sup>ND</sup> YR MSC-AMB	Sushree Subhashmita Sahoo
26	SASWAT KUMAR PANDA	2 <sup>ND</sup> YR MSC-BT	Saswat Kumar Panda
27	SUBHENDU NAYAK	2 <sup>ND</sup> YR MSC-AMB	Subhendu Nayak
28	BARSHA SAMANTARAY	2 <sup>ND</sup> YR MSC-BT	Barsha Samantaray
29	URMI MADHUSMITA SAMAL	3 <sup>rd</sup> YR BSC-BT	Urmi Madhusmita Samal
30	STHITAPRAGYAN SHA	3 <sup>rd</sup> YR BSC-BT	Sthitapragyan Sha
31	SMRUTI REKHA SAHOO	2 <sup>ND</sup> YR MSC-BT	Smruti Rekha Sahoo
32	SURAJ PRASAD PANDA	3 <sup>rd</sup> YR BSC-BT	Suraj Prasad Panda
33	SOMADUTTA SONWANI	2 <sup>ND</sup> YR MSC-AMB	Somadutta Sonwani



COORDINATOR



DIRECTOR

MITS School of Biotechnology  
Bhubaneswar

Website: [www.msb.ac.in](http://www.msb.ac.in)

Email: [principal@msb.ac.in](mailto:principal@msb.ac.in)

2(P), Infocity, Patia, Bhubaneswar  
Pin-751024 (Odisha), INDIA



## PROGRAMME REPORT

15/03/2019

Programme Name	<b>A One Day Seminar on IPR in Biotechnology and Bioinformatics</b>
Date of Activity:	14/03/2019
Resource Person:	Dr. Sameer Ranjan Lenka Company Sec. MITS Mega food park ltd. Bhubaneswar Contact No: 7978241951 Email: <i>admin@mitsmegafoodpark</i>
Organised By:	MITS School of Biotechnology
Venue:	Dept. Biotechnology, MSB, Bhubaneswar

### Objective of the programme

Intellectual Property Rights (IPRs) play a significant role in bioinformatics and biotechnology. IPRs help ensure that valuable discoveries are not taken advantage of by others. The main purpose of IPRs is to encourage and protect scientific research and development activities from being monopolized or misused by competitors.

### Topic Covered:

Theme 1: The IP Laws and Bioinformatics and Biotechnology

Theme 2: Intellectual Property, Bioinformatics Databases and Government Funds

Theme: 3 The Diffusion of Biological Information

Theme: 4 Challenges and Difficulties in Bioinformatics and Biotechnology research

### Outcome of the programme

- The field of Bioinformatics, Biotechnology and IP laws are intertwined when it comes to protecting one's hard work and income. Due to such rapid growth in the field, there are a lot of opportunities to attract more patent filings and give a boost to the Indian based biotech companies as well as companies situated outside the continent to invest in the Indian economy.
- This will not only give more exposure to the Indian biotechnology regime but will also help in the growth of the economy, thus leading to India's development and also the development of effectiveness of patent agents to file and handle cases of the IPR and Biotechnology

**No. of Participants: 33**

Pg 1 of 2





Resource Person Dr. Sameer Ranjan Lenka Delivering a Talk on “IPR In Biotechnology and Bioinformatics” at MSB, BBSR on 14.03.2019.

  
DIRECTOR  
Director  
MITS School of Biotechnology  
Bhubaneswar



08/05/2019





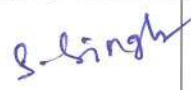

## CIRCULAR

This is to inform you that Dept. Biotechnology, MITS School of Biotechnology, Bhubaneswar, Odisha is going to organise "**A One Day Workshop on Research Methodology for IT Students**" on 18<sup>th</sup> May 2019. Interested students shall register their names at the office of the coordinator on or before 4PM, 17<sup>th</sup> May 2019.

Venue: Dept. Biotechnology, MITS School of Biotechnology

Coordinator : **Dr. Rashmi Ranjan Mishra**  
Associate Professor  
Department of Biotechnology  
MITS School of Biotechnology

  
**DIRECTOR**  
Director  
MITS School of Biotechnology  
Bhubaneswar

HOD-BIO	HOD-COMP	DO	Warden (BH)	Warden (GH)	LIBRARIAN
					
C.E. for information					



## REGISTRATION FORM

Name.....

Course ..... Yr(1/2/3)

Roll No.....

Institution.....

Address for Communication:

Mobile.....

Email.....

Signature

Application to be submitted online in the above format along with the scanned copy of the registration form.

Last Date of Registration: 17.05.2019

Email: [nayakroma@gmail.com](mailto:nayakroma@gmail.com)

**Address for Communication**

**Dr. Tapaswini Nayak**  
Coordinator

Contact: +91-9861599215

**Chief Patron**

**Er. Sriram Panda**

Chief Executive  
MITS Group

**Patron**

**Dr. G.K. Panda**

Director  
MITS School of Biotechnology

**Convenor**

**Dr. R. Nayak**

Asst Professor  
Dept. of Computer Science

**Coordinator**

**Dr. Tapaswini Nayak**

Head  
Dept. of Computer Science

**Advisory Committee**

**Prof. Panchami Padmasena**  
Dept. of Computer Science

**Prof. Kabita Sahoo**  
Dept. of Computer Science

**Dr. Benumadhab Rath**  
Dept. of Computer Science



A  
ONE DAY WORKSHOP ON  
"RESEARCH METHODOLOGY FOR  
IT STUDENTS"

Programme Schedule:

**18.05.2019**



Organized By:

**मिट्स जैव प्रौद्योगिकी संस्थान**  
**MITS SCHOOL OF BIOTECHNOLOGY**

Venue:

2(P), Infocity, Patia  
Bhubaneswar-751024 (Odisha)  
Website: [msb.ac.in](http://msb.ac.in)  
Email: [principal@msb.ac.in](mailto:principal@msb.ac.in)



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M.Sc Biotechnology	- 2 Years
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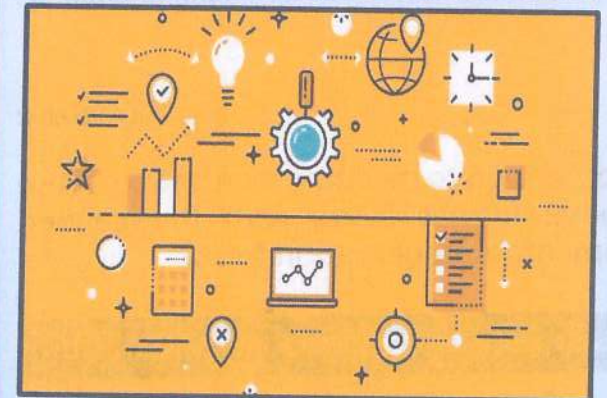
## About Programme

An information security analyst safeguards an organization's digital assets and sensitive information from cyber threats and data breaches. They assess IT infrastructure and develop strategies like firewalls, encryption, and authentication to ensure confidentiality and prevent potential threats. In the realm of applied cyber security, this two-week student development program is planned to gear towards enhancing and staying up-to-date with the latest instructional methods. The goal is to equip participants with the knowledge and skills needed to deliver effective education in the field of cyber security, avenues for research and industrial application with certification



## Objective of the Programme

The main objective of descriptive research is to define the characteristics of a particular phenomenon. It is also known as statistical research. It deals with everything that can be counted and studied. This descriptive methodology focuses on the "what" of the research problem.



### Resource Person

**Mr. Rashmi Ranjan Behera**  
Asst. Professor  
Dept. Computer Science and  
Information Technology  
MITS, Rayagada



Date:18/05/2019

### LIST OF PARTICIPANTS

Name of the Programme :One day workshop on "RESEARCH METHODOLOGY FOR IT STUDENTS."

SL.NO.	Name of the participant	Year Batch	Signature
1	RASHMIDATTA MISHRA	2 <sup>ND</sup> YR BCA	Rashmidatta Mishra
2	BISHAL KUMAR NAYAK	3 <sup>rd</sup> YR BCA	Bishal Kumar Nayak
3	ETISHA BASANTRA	2 <sup>ND</sup> YR BCA	Etisha basantra
4	ASIFA AFRIN	2 <sup>ND</sup> YR BCA	Asifa Afrin
5	SUDIPTA NAIK	2 <sup>ND</sup> YR BCA	Sudipta Naik
6	PINKY KUMARY SAHANI	2 <sup>ND</sup> YR BCA	Pinky Kumary Sahani
7	BEGUM TALAT PARWEEN	3 <sup>rd</sup> YR BCA	Begum Talat Parween
8	RASHMI REKHA DAS	3 <sup>rd</sup> YR BCA	Rashmi Rekha Das
9	AYUSHMITA DAS	2 <sup>ND</sup> YR BCA	Ayushmita Das
10	BHABANI SANKAR MALLIA	3 <sup>rd</sup> YR BCA	Bhabani Sankar Mallia
11	KRUSHNA CH. NANDA	2 <sup>ND</sup> YR BCA	Krushna Chandra Nanda
12	SOUVAGYA DAS	2 <sup>ND</sup> YR BCA	Souvagya Das
13	JAYANTA MOHANTY	2 <sup>ND</sup> YR BCA	Jayanta Mohanty
14	CHANDAN THATOI	2 <sup>ND</sup> YR BCA	Chandan Thatoi
15	ABHAY VISHWAKARMA	3 <sup>rd</sup> YR BCA	Abhay Vishwakarma
16	SUBBHALAXMI ROUT	2 <sup>ND</sup> YR BCA	Subhalaxmi Rout
17	SNEHA KUMARI	3 <sup>rd</sup> YR BCA	Sneha Kumari
18	DEBASIS CHAMPATIRAY	3 <sup>rd</sup> YR BCA	Debasis Champatiray
19	LIPSITA MISHRA	3 <sup>rd</sup> YR BCA	Lipsita Mishra
20	RANJIT KUMAR ROUT	3 <sup>rd</sup> YR BCA	Ranjit Kumar Rout
21	D.SUMAN	2 <sup>ND</sup> YR BCA	D. Suman
22	KUMAR HARSH	3 <sup>rd</sup> YR BCA	Kumar Harsh
23	AMIT KU. PANDA	2 <sup>ND</sup> YR BCA	Amit ku. Panda
24	ARABINDA PANDA	3 <sup>rd</sup> YR BCA	Arabinda Panda
25	G. PUSPANJALI READY	2 <sup>ND</sup> YR BCA	G. Puspajali Ready
26	NILANCHAL SAHU	2 <sup>ND</sup> YR BCA	Nilanchal sahu
27	AJAY KUMAR SARKAR	3 <sup>rd</sup> YR BCA	Ajay Kumar Sarkar
28	SURAJ ROSHAN MISHRA	3 <sup>rd</sup> YR BCA	Suraj Roshan Mishra
29	ELINA SHREE ELOVA	3 <sup>rd</sup> YR BCA	Elina Shree Elova
30	JITEN KUMAR BANUA	2 <sup>ND</sup> YR BCA	Jiten Kumar Banua
31	LALAJI MAHARANA	2 <sup>ND</sup> YR BCA	Lalaji Maharana
32	SHIMAY KUMARA SAHOO	2 <sup>ND</sup> YR BCA	Shimay Kumara Sahoo
33	HELEN PATRA	2 <sup>ND</sup> YR BCA	Helen Patra



COORDINATOR



DIRECTOR  
MITS School of Biotechnology  
Bhubaneswar

2(P), Infocity, Patia, Bhubaneswar  
Pin-751024 (Odisha), INDIA

Website: [www.msb.ac.in](http://www.msb.ac.in)  
Email: [principal@msb.ac.in](mailto:principal@msb.ac.in)



### PROGRAMME REPORT

20/05/2019

Programme Name	<b>A One Day Workshop on Research Methodology for IT Students</b>
Date of Activity:	18/05/2019
Resource Person:	Rashmi Ranjan Behera MITS Rayagada, Bhubaneswar Contact No:7008018094 Email: me@rbehera.in
Organised By:	MITS School of Biotechnology
Venue:	Dept. Biotechnology, MSB, Bhubaneswar

#### Objective of the programme

The main objective of this course is to introduce the basic concepts in research methodology in IPR. This course addresses the issues inherent in selecting a research problem and discusses the techniques and tools to be employed in completing a research project. This will also enable the students to prepare report writing and framing Research proposals

#### Topic Covered:

Theme 1: Basics in IPR

Theme 2: Research Design

Theme: 3 Data Collection

Theme: 4 Data Analysis

Theme: 5 Issues in Research

#### Outcome of the programme

- Students who complete this course will be able to understand and comprehend the basics in research methodology and applying them in research/ project work.
- This course will help them to select an appropriate research design.
- With the help of this course, students will be able to take up and implement a research project/ study.
- The course will also enable them to collect the data, edit it properly and analyse it accordingly. Thus, it will facilitate students' prosperity in higher education.
- The Students will develop skills in qualitative and quantitative data analysis and presentation.
- Students will be able to demonstrate the ability to choose methods appropriate to research objectives
- **No. of Participants: 33**





Resource Person Mr. Rashmi Ranjan Behera Delivering a Talk on *“Research Methodology for IT Students”* at MSB, BBSR on 18.05.2019.

*Cepe*  
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Director  
MITS School of Biotechnology  
Bhubaneswar