

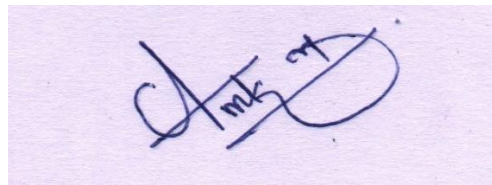
# **STUDENTS SEMINAR SERIES 1**

## **REPORT**

On Behalf of the Academic Program Committee, The Student Seminar Series has started on **25-07-2025**. The First Talk was presented by Mr. **FIDEL SANDESH** from S-3 Biochemistry Department and the Mentor was Sri. **ARUN KUMAR. K. G.** from Department of Zoology. The topic of the Seminar was **“Why New Generation Facing Infertility? –BPA the Hidden Threat”**. The Session started at 12. 30 pm and ended at 1.00 pm. The seminar was conducted at Orice Hall. Most of the Teaching Faculties from various departments, non-teaching staff and around 50 students were attended the seminar. The seminar was very interactive, enlighten and useful to all. At the end of the session some questions are asked to the audience by the mentor and gave motivational gift to them who were answered correctly. The seminar was also evaluated by three selected faculties from different departments. Sri. Sunil. P., from English Department, Mrs. Aiswarya Philip from Geography Department and Miss. Aswathy Prathap. S., from English Department was the evaluators. They evaluated the seminar by under the criteria which was pre-decided and printed. The evaluation sheets are also signed by the Convener of Academic Program Committee and the Principal of the College.

July 25 is the day of World IVF (Invitro Fertilization) Day. So this day was selected for present this topic in front of the youth. The Awareness about BPA is very important and innovative to the emerging society.

As a Mentor of the seminar I hereby submit this report in front of the Academic program Committee along with the synopsis and all other documents related to the seminar with pleasure.



**Arun Kumar. K. G.,**

Mentor, Department of Zoology,

Govt. Arts & Science College,

Kulathoor, Neyyattinkara, Tvm.

# STUDENTS SEMINAR SERIES

## TALK - 1

ON 25-07-2025

### TOPIC

WHY NEW GENERATION  
FACING  
INFERTILITY ?

BPA  
THE HIDDEN THREAT



**VENUE: ORICE HALL**

**TIME: 12.30 – 1.00 PM**

**PRESENTED BY: FIDEL SANDESH (S.3-BIOCHEMISTRY)**

**MENTOR: ARUN KUMAR. K. G. (DEPT. OF ZOOLOGY)**

**ORGANIZED BY: ACADEMIC PROGRAM COMMITTEE  
GOVT. ARTS & SCIENCE COLLEGE, KULATHOOR**

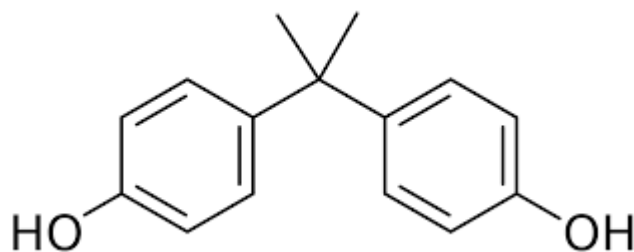
## **Synopsis**

The Major causes of Infertility in youth are lifestyle, stress and environmental toxins. Here BPA act as a hidden threat for infertility. Bisphenol-A (BPA) act as an endocrine disruptor. It can interfere with body's hormone system.

BPA is an industrial chemical used in plastics and resins. It is mainly found in Food containers, bottles, can linings etc. It is easily leached out from the plastics when it is hot or contact with alcohol. It is mainly enter in our body through food, inhalation, skin, eye and affected mother to child etc.

BPA impacts both male and female reproductive system. It causes the estrogenic effect in both bodies. In males rises the estrogen hormone and causes the suppression of testosterone hormone which causes the decrease and motility of spermatozoa. In females over production of estrogen causes the Polycystic Ovary Diseases (PCODs) and irregular menstrual cycle. High BPA levels causes to failed IVF cycles, Poor embryo quality, lowering implantation and pregnancy rates. Avoid plastics, packaged food items, junk food and fast food, alcohol etc. are the preventive measures of BPA. Use glass/stainless steel containers instead of plastics and eat fresh, unpackaged foods.

BPA is a silent contributor of infertility. So awareness about the BPA is very important in the present world.



Bisphenol-A



**Govt. Arts and Science College, Kulathoor, Neyyattinkara,  
Thiruvananthapuram**  
**Academic Program Committee 2025-26**

**STUDENTS SEMINAR SERIES**

Talk No.	1	Venue	Orice Hall	
Date	25/07/2025	Time	12.30 PM	
Topic	BPA : The Hidden Threat.			
Name of the Student	Fidel Sandesh	Department	Bio chemistry	
Name of the Mentor	Arun kumar . k.G.	Department	Zoology	
Relavance of Topic - Out of 5	Way of Presentation - Out of 5	Mode of Interaction - Out of 5	Overall Performance - Out of 5	Total
4	4	2.5	4	14.5
Remark:	Confident presentation. He could have asked for a doubt clearance session. The Q and A could be done by the student himself. As more interaction. Overall good performance with a relevant subject.			

*Aswathy Prathap S.*  
Name & Signature of Evaluator

*[Signature]*  
Name & Signature of Convener

*[Signature]*  
Principal

**Govt. Arts and Science College, Kulathoor, Neyyattinkara,  
Thiruvananthapuram**  
**Academic Program Committee 2025-26**

**STUDENTS SEMINAR SERIES**

Talk No.	1	Venue	ORICE HALL	
Date	25-07-2025	Time	12.30 - 1.00 pm	
Topic	Why New Generation Facing Infertility ? BPA - The Hidden Threat			
Name of the Student	FIDEL SANDESH	Department	BIOCHEMISTRY	
Name of the Mentor	ARUN KUMAR K.G.	Department	ZOOLOGY	
Relavance of Topic - Out of 5	Way of Presentation - Out of 5	Mode of Interaction - Out of 5	Overall Performance - Out of 5	Total
5	4.5	4	4	17.5
Remark:	Time-bound Presentation supported by statistical data and scientific matter. Interactive and enlightening session.			

*Aswathy*  
Name & Signature of Evaluator  
AISWARYA PHILIP

*[Signature]*  
Name & Signature of Convener

*[Signature]*  
Principal

**Govt. Arts and Science College, Kulathoor, Neyyattinkara,  
Thiruvananthapuram**  
**Academic Program Committee 2025-26**

**STUDENTS SEMINAR SERIES**

Talk No.	1	Venue	ORICE HALL	
Date	25.07.2025	Time	12.30 to 1.00 pm.	
Topic	Why New Generation Facing Infertility ? BPA the Hidden Threat.			
Name of the Student	FIDEL SANDESH	Department	BIOCHEMISTRY	
Name of the Mentor	ARUN KUMAR . K.G.	Department	ZOOLOGY.	
Relavance of Topic - Out of 5	Way of Presentation - Out of 5	Mode of Interaction - Out of 5	Overall Performance - Out of 5	Total
4	4.5	4	4.5	17
Remark:	Insightful, Informative and Enlightening.			

*Swati P. Asst. Professor*  
*Dept. English, Govt College Kulathoor.*  
Name & Signature of Evaluator

*[Signature]*  
Name & Signature of Convener

*[Signature]*  
Principal

	Name	Department	Signature
1.	Vaasha Vijayan S	Biochemistry	<u>Vaasha</u>
2.	Haishika A.S	Biochemistry	<u>Haishika</u>
3.	Josna	"	<u>Josna</u>
4.	Kavya Sree Gopalan	"	<u>Kavya</u>
5.	Jeba Mariya	"	<u>Jeba</u>
6.	Saneesh	"	<u>Saneesh</u>
7.	Noofal	"	<u>Noofal</u>
8.)	Azomal.c.s	English	<u>Azomal</u>
9.	Abin.D	English	<u>Abin</u>
10.	Alan.S.S	"	<u>Alan</u>
11.)	Mohammed Ummerziyan.k	Geography	<u>Mohammed</u> K
12.	Aravind.N.A	"	<u>Aravind</u>
13.	Kiran.J	"	<u>Kiran</u>
14.	Arshik.J.V	English	<u>Arshik</u>
15.	Vishal.R.M	Geography	<u>Vishal</u>
16.	Karthikeyan KPC	"	<u>Karthikeyan</u>
17	Abin Rajan	English	<u>Abin Rajan</u>
18	Maneesha.M.B	"	<u>Maneesha</u>
19	Akhila.S.B	"	<u>Akhila</u>
20	Amarithendhu	"	<u>Amarithendhu</u>

21	Aleena	English	<u>Aleena</u>
22	Aziya	"	<u>Aziya</u>
23.	Afina M Das	Biochemistry	<u>Afina</u>
24.	Hayira beervit	"	<u>Hayira</u>
25.	Anakha J.S.	"	<u>Anakha</u>
26.	A.S. Jeffrin	Geography	<u>A.S. Jeffrin</u>
27	Amritha S	"	<u>Amritha</u>
28	Rijo Stephen	"	<u>Rijo</u>
29	Gopika SR	"	<u>Gopika</u>
30	Aneena joy	English	<u>Aneena</u>
31	Ajayasree	"	<u>Ajayasree</u>
32	Sona S.L	Geography	<u>Sona</u>
33	Sona.MS	"	<u>Sona</u>
34	Yamuna devi ML	English	<u>Yamuna</u>
35)	Jenisha s. Clement	"	<u>Jenisha</u>
36)	Athira Das. Y	"	<u>Athira</u>
37)	Devika A. S	"	<u>Devika AS</u>
38)	Vinisha V.S	Geography	<u>Vinisha</u>
39).	Aksha S.S	"	<u>Aksha</u>
40)	Diya Dileep	"	<u>Diya</u>
41)	Akshara Raj. RS	"	<u>Akshara</u>
42)	Archana P. Nair	"	<u>Archana</u>
43,	Anna SB	"	<u>Anna</u>
(44)	Sauraya	English	<u>Sauraya</u>

(45) Kavya: P.K	English	Kavya
46. Archana. G	English	<del>Archana</del>
47. Sathya. S	"	<del>Sathya</del>
48. Kaethika. T	"	<del>Kaethika</del>
49) Gopika. S.R	"	<del>Gopika</del>
50) Paavathy. S.M	"	<del>Paavathy</del>
51, Vishnu Ajikumar. B	"	<del>Vishnu</del>
52, <del>Raj</del> HANISH. H.S	Geography	<del>Raj</del>
53) Aswin Francis	"	<del>Aswin</del>
54) Anjana. G Chandran	English	<del>Anjana</del>
55) Arswanya Philip	Geography	<del>Arswanya</del>
56, Susi. P	English	<del>Susi</del>
57) Aswathy Prathap. S.	English	<del>Aswathy</del>
58. Anun Kumar. K. G.	Zoology	<del>Anun</del>
59. Dr. Devi V.J.	Biochemistry	<del>Devi</del>