

# Maharani Kasiswari College

Department of Environmental Studies  
in collaboration with the Study Circle and Seminar  
Committee, MKC

Organizes

Seminar on “Microplastics- an invisible disaster”

Date: 28.04.2023

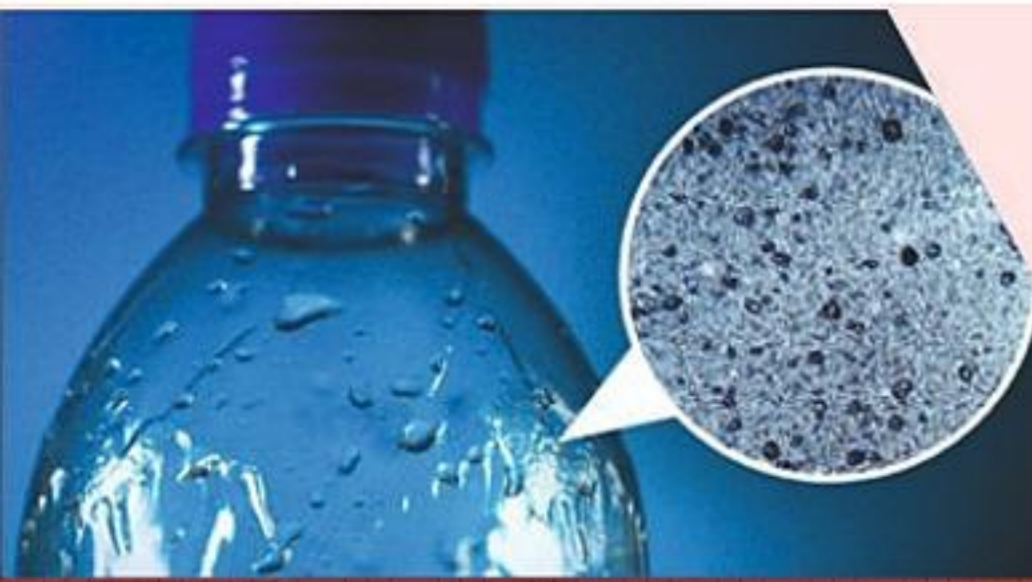
Venue: Room no- 08

Time duration: 9 AM-10.35 AM

## Programme Schedule

TIME LIMIT	DESCRIPTION	HOST
09:00 AM - 09:15 AM	Introduction of Event •Inauguration of seminar •Welcome Address	<b>Dr. Chaitali Pal</b> Teacher in charge
09:15 AM - 09:20 AM	Introduction of the speaker	Smt. Paushali Guha (Sarkar) Head, Dept. of Environmental Studies
09:20 AM - 10:20 AM	Lecture Session	<b>Dr. Punarbasu Chaudhuri,</b> Associate Professor, Department of Environmental Science, University Of Calcutta
10:20 AM - 10:30 AM	Question Answer Session	Smt. Shreya Ghosh Teaching Faculty, Department of Environmental Studies, MKC
10:30 AM - 10:35 AM	Vote of thanks	<b>Dr. Anindita Ray Chakravarti</b> Head, Dept of Food and Nutrition & Jt. convenor of the Study Circle and Seminar Committee, MKC

**MODERATOR OF THE SEMINAR:** Smt. Paushali Guha (Sarkar) / Smt. Shreya Ghosh



## SEMINAR ON

# “MICROPLASTICS- AN INVISIBLE DISASTER”

Date : 28<sup>th</sup> April, 2023 (Friday)

Time : 9 am - 10.35 am

### Speaker:

Dr. Punarbasu Chaudhuri,  
Associate Professor,  
Department of Environmental Science,

University Of Calcutta

*Organized by*

Department of **Environmental Studies**

In collaboration with

The Study Circle and Seminar Committee, MKC

**MAHARANI HASISWARI COLLEGE**

20, Ramkanto Bose Street, Kolkata-700003

**Venue:**

**Venue: College Premises (Room No- 08)**

# SEMINAR ON “MICROPLASTICS- AN INVISIBLE DISASTER”

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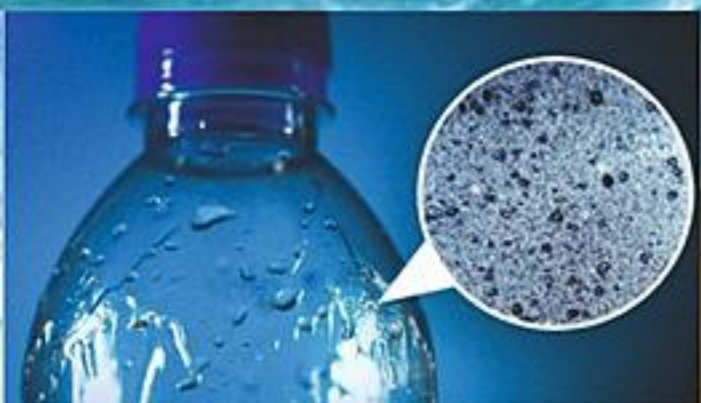
Department of Environmental Studies

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Date: 28<sup>th</sup> April, 2023 (Friday)

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## Maharani Kasiswari College

20, Ramkanto Bose Street, Kolkata-700003

Venue: COLLEGE PREMISES (Room No. 8)

Speaker:

» Dr. Punarbasu Chaudhuri,

Associate Professor,  
Department of Environmental Science, University Of Calcutta

Attendance Sheet [STUDENTS]

Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Shreyo Singh	student (2 sem) (UUS)	Political science (H)	MKC	8240685840	Shreyo.Singh3019c2004@gmail.com	Shreyo Singh 28/4/2023
Ankita Jogi	student (2 sem) (402)	Political science (H)	MKC	9875598909	Jogiankita94@gmail.com	Ankita Jogi 28/04/2023
Rupanjali Bose	Student (6th sem) 1009	Philosophy (H)	MKC	9477023570	rbosu219219@gmail.com	Rupanjali Bose 28/04/2023
Poyel Bhattacharjee	student (6th Sem) 1003	Philosophy (H)	MKC	6289081939	Poyel.Bhattacharjee2008@gmail.com	Poyel Bhattacharjee 28/04/2023
Priya Singh	student (6th Sem) (Roll-1066)	Philosophy (H)	MKC	8100096958	ps2001553@gmail.com	Priya Singh 28/04/2023
Shrabani Das	student (6th Sem) (Roll-1011)	Philosophy (H)	MKC	8017662306	Shrabanidas1327@gmail.com	Shrabani Das 28/04/2023
Rini Palit	Student (6th sem) (Roll-1007)	Philosophy (Hons)	MKC	7439290848	rini.palit@gmail.com	Rini Palit 28/04/2023
Poulami Banik	Student (6th sem) Roll-1009	Philosophy (Hons)	MKC	9977166882	Poulami.Banik77@gmail.com	Poulami Banik 28/04/23
Shraboni singha	Student (6th Sem) Roll-1013	Philosophy (Hons)	MKC	6201643066	shrabonisingha86@gmail.com	Shraboni Singha 28/04/23
Bandana Shaul	Student (6th sem) Roll-1001	Philosophy (Hons)	MKC	7439725476	bandanashaul1309@gmail.com	Bandana Shaul 28/4/23
Kogel Das	Student - 2nd Sem Roll-332	B.com (Gr)	MKC	7439450591	online.akash.dutta@gmail.com	Kogel Das 28.4.23

Maharani Kasiwari College

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Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Priya Biswas	Student (2nd Sem) (524)	Bengali (Honours)	MKC	8282981459	Priya101b@gmail.com	Priya Biswas 28/04/23
Priya Nath	Student (2nd Sem) (522)	Bengali (H)	MKC	9830859619	Priya5222@gmail.com	Priya Nath 28/04/23
Megha Saha	Student (2nd Sem) (513)	Bengali (H)	MKC	8240791899	Sahamegha2003@gmail.com	Megha Saha 28/04/23
Shuchismita Guha	Student (2nd Sem) (466)	PLS-(H)	MKC	758695961	Shuchismitaguha2@gmail.com	Shuchismita Guha 28/04/23
Anjali Sharma	Student (2nd Sem) (401)	PLS-(H)	MKC	8902191219	jiyass563@gmail.com	Anjali Sharma 28/04/23
Sangita Kumari Rom.	Student (2nd Sem) (442)	PLS-(H)	M.KC	9123873178	Sangita Kumari Rom. 4@gmail.com	Sangita Kumari Rom. 28/04/2023
Preeti Kumari Shaw	Student (2nd Sem) (426)	PLS-(H)	M.K.C	9330935135	PreetiKS2002@gmail.com	Preeti Kumari Shaw 28/4/23
Sneha Shaw	Student (2nd Sem) (449)	PLSA (H)	MKC	7439441162	snehashaw2019@gmail.com	Sneha Shaw 28.04.2023
Jyoti Kumari Gupta	Student (2nd Sem) (415)	PLSA (H)	MKC	7603025149	jyoti.gupta.94876@gmail.com	Jyoti Kumari Gupta 28.04.2023
Rupam Kumari	Student (2nd Sem) (439)	PLSA (A)	MKC	8100373166	rshah562@gmail.com	Rupam Kumari 28.04.2023
Arajal Kumari	Student (2nd Sem) (344)	HISA (H)	M.H.C	8020156188	mrajarajguru8420@gmail.com	Arajal Kumari 28.4.2023

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Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Assthami Ghoshal (502)	student 2nd sem (502)	Bengali (H)	M.K.C.	7596839595	Assthamighoshal@gmail.com	Assthami Ghoshal 28.04.23
Sonia Patra	Student 2nd sem (542)	Bengali (H)	M.K.C.	9804058011	patramoumita414@gmail.com	Sonia Patra 28.04.23
Sovana Das (544)	Student 2nd sem (544)	Bengali (H)	M.K.C.	7044849259	Sovana das 9@gmail.com	Sovana Das. 28.04.23
Munmun Dey.	2nd Sem (517)	Bengali (H)	M.K.C.	9007709876	munmundey9876@gmail.com	Munmun Dey 28.04.23
Srimoyee Das	2nd Sem (545) Student	Bengali (H)	M.K.C.	9832878923	srimoyeedas04@gmail.com	Srimoyee Das 28/04/23
Rickta Saha	2nd sem (526) Student	Bengali (H)	M.K.C.	7044623299	rickta.saha364@gmail.com	Rickta Saha 28/04/23
Aupriya Paul	2nd sem (305) Student	History (H)	M.K.C.	7439667443	aupriyapaul54@gmail.com	Aupriya Paul 28/04/23
Rini Saha	2nd Sem (318) Student	History (H)	M.K.C.	8697711321	rinisaha1804@gmail.com	Rini Saha 28/04/23
Sweta Rani Mondal	1st sem (551)	Bengali (H)	M.K.C.	9007282395		Sweta Rani Mondal 28/04/23
Sweta Das	2nd sem (552)	Bengali (H)	M.K.C.	8100602987	dey40483@gmail.com	Sweta Dey 28/04/23
Debjani Bhattacharjee	2nd Sem (550)	Bengali (H)	M.K.C.	7439396329	bhattacharjeed404@gmail.com	Debjani Bhattacharjee 28/04/23

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Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Rupsa Nandy.	Student 2nd Sem	Bengali (H)	M.K.C	9836393029	rupsanandy0@gmail.com	Rupsa Nandy 28/4/23
Soumili Roy	Student 2nd Sem (543)	Bengali(H)	M.K.C	8100509899	roy.soumili323@gmail.com	Soumili Roy 28/4/23
Arunima Basu	student 2nd Sem (C3)	computer science (H)	M.K.C	9330230355	arunimabasu52@gmail.com	Arunima Basu 28/4/23
Swaralipi Shaw	Student 2nd Sem	Pol. Science	M.K.C	7439381510	swaralipishaw74@gmail.com	Swaralipi Shaw 28.4.23
Shuchismita Roy	Student 2nd Sem	English(H)	M.K.C.	9051502534	shuchismita@gmail.com	Shuchismita Roy 28.4.23
Shuchismita Chatterjee	student 2nd Sem	PLS-(H)	M.K.C	759695961	shuchismitachatterjee@gmail.com	Shuchismita Chatterjee 28/04/2023
Sasra Saha	Student 2nd sem	BA(G)	M.K.C	7044404905	SasraSaha7044@gmail.com	Sasra Saha 28.04.2023
Apjita Sankar	Student 2nd Sem	PLSA(H)(405)	M.K.C	8777249481	apjita8777249481@gmail.com	Apjita Sankar 28.04.23
Sukanya Roy	student 2nd Sem	PLSA(H)(461)	M.K.C	7439831472	sukanyanoy465@gmail.com	Sukanya Roy 28.4.23
Shalini Biswas	student 2nd sem	PLSA(H)(443)	M.K.C	7434714746	biswasshalini611@gmail.com	Shalini Biswas 28.4.2023
Jshika Roy	student 2nd sem	PLSA(H)(412)	M.K.C	628950386	jrroy19112@gmail.com	Jshika Roy 28.4.23

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Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Nisha Tiwari (Roll - 34)	Student	B.A. ENGA 2nd Sem	MKC	8777612427	nishaoti.454@gmail.com	Nisha Tiwari 28.4.2023
Rashikunari Jha (Roll No. 39)	Student	B.A. ENGA 2nd Sem	MKC	974814572	rashikha2005@gmail.com	Rashikunari Jha 28.4.2023
Swatupa Paul (Roll No. 232)	Student	B.Sc Geo(H) 2nd Sem	MKC	6290794766	SwatupaPaul13@gmail.com	Swatupa Paul 28.4.2023
Sneha Sarkar (Roll No. 230)	Student	B.Sc Geo(H) 2nd Sem	MKC	7439637270	SnehaSarkar99727@gmail.com	Sneha Sarkar 28/4/2023
Samiddhi Mondal (Roll No. 222)	Student	B.Sc Geo(H) 2nd Sem	MKC	7439501788	samiddhimondal827@gmail.com	Samiddhi Mondal 28/4/23
Jayee Sinha (Roll No. 211)	Student	B.Sc Geo(H) 2nd Sem	MKC	7439464590	sinha_jayee@gmail.com	Jayee Sinha 28/4/23
Sohini Sarkar (Roll No. 231)	Student	B.Sc Geo(H) 2nd Sem	MKC	7029388080	SUMAN110044@gmail.com	Sohini Sarkar 28/4/23
Riya Roy (Roll - 529)	Student	BA Honours 2nd Sem	MKC	74439920535	riya5329407@gmail.com	Riya Roy 28/4/2023
Nilam Hela (Roll No. 421)	Student	B.A. Pol(H) 2nd Sem	MKC	6291628180	nilamhela898@gmail.com	Nilam Hela 28/04/23
Binita Prasad (Roll No. 407)	Student	B.A. Pol(H) 2nd Sem	MKC	9930825629	BinitaPrasad35@gmail.com	Binita Prasad 28/04/23
Bhaswati Saha (Roll No. 27)	Student	B.A. Geograph 2nd Sem	MKC	9748625030	Saha bhaswati33@gmail.com	Bhaswati Saha 28/04/23

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Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Anamika Das (Roll-2)	Student	B.A. ENG(H) 2nd Sem	MKC	7044430230	anamikadas0705@gmail.com	Anamika Das 28/4/23
Anyasa Roy (Roll-7)	Student	B.A Eng(H) 2nd Sem	MKC	9330226803	anyasa.roy16@gmail.com	Anyasa Roy 28.4.23
Prityanka Saha (Roll-38)	Student	B.A Eng(H) 2nd Sem	MKC	8240150080	Prityankasaha1103@gmail.com	Prityanka Saha 28.4.23
Ayushi Shaw (Roll-10)	Student	B.A. (H) (H) 2nd Sem	MKC	9163376480	ayushishaw67@gmail.com	Ayushi Shaw 28.4.23.
Kangula Paul (Roll-24)	Student	B.A. ENG. (H) 2nd Sem	MKC	7439668422	kangulipaul114@gmail.com	Kangula Paul 28.4.23
Pshika Singh (Roll-7)	Student	B.A ENGA (H) 2nd Sem	MKC	9163186845	ishusingshos@gmail.com	Pshika Singh 28.4.23
Jui Jana (Roll-19)	Student	B.A. ENGA 2nd Sem	MKC	6280158127	janajui2004@gmail.com	Jui Jana 28.4.23
Arna Nath (Roll-9)	Student	BA ENGA 2nd Sem	MKC	9903155060	arnanath2016@gmail.com	Arna Nath 28.4.23
Ritvija Saha Sardar (436)	Student	B.A POL. SC (H) 2nd Sem	MKC	7439250755	ritvijasaha782@gmail.com	Ritvija Saha Sardar 28.4.23
Chayanika Jana (Roll-108)	Student	B.A. POL. SC (H) 2nd Sem	MKC	7439616039	ciana15102004@gmail.com	Chayanika Jana 28.4.23
Vishakha Jaiswal (Roll-73)	Student	B.A. ENGA 2nd Sem	MKC	6290456538	Vishakha11042002@gmail.com	Vishakha Jaiswal 28.4.23

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Sanjana Thakur	2nd Sem Roll - 154	B.A (Gen)	M.K.C	8420287687	Sanjanathakur96011@gmail.com	Sanjana Thakur 28.04.23
Rigwana Khatoon	2nd Sem Roll - 140	BA (Gen)	M.K.C	9163847875	rigwana.khatoon1921@gmail.com	Rigwana Khatoon 28.04.23
Rith Sarkar	2nd sem Roll - 217 (Gen)	Geography (H)	M.K.C	6289518739	sarkar.rith728@gmail.com	Rith Sarkar 28.04.23
Dipa Basak	2nd sem Roll - 208	Geography (H)	M.K.C	6296250642	basakdipa@gmail.com	Dipa Basak 28.04.23
Sayani Nandi	2nd Sem Roll - 224	Geography (H)	M.K.C	6291807723	nandisayani@gmail.com	Sayani Nandi 28.04.23
Rupama Sarkar	2nd Sem Roll - 221	Geography (H)	M.K.C	7596093812	sarkarrupama04@gmail.com	Rupama Sarkar 28.04.23
Rupsa Ganguly	2nd Semester Roll no. - 232	Psychology (H) B.A	M.K.C	9836124707	rupseganguly2020@gmail.com	Rupsa Ganguly 28.04.2023
Asmita Podder	2nd Semester Roll no. - 205	EDUCATION (H) B.A	M.K.C	6290203114	asmitapodder@gmail.com	Asmita Podder 28.04.2023
Ritupriya Banerjee	2nd Semester Roll no. 228	EDUCATION (H) B.A	M.K.C	7439257477	banerjeeritupriya@gmail.com	Ritupriya Banerjee 28.04.2023
Sneha Chakraborty	2nd Semester Roll no. - 228	Geography (H)	M.K.C	9875510154	chakrabortysneha204@gmail.com	Sneha Chakraborty 28.04.2023
Debjani Saha	2nd Semester Roll no. - 207	Geography (H)	M.K.C	8420026087	dehaha2904@gmail.com	Debjani Saha 28.04.2023

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Smiti Shaw	Student B.A (Gen.) 2 <sup>nd</sup> Sem Roll - 367	B.A (General)	MKC	7003839782	SmitiShaw21@gmail.com	Smiti Shaw 28.04.23
Shriya Bhattacharya	student B.A (Gen.) 2 <sup>nd</sup> Sem Roll - 30	B.Sc (honour)	MKC	8420459783	shriyabhattach3@gmail.com	Shriya Bhattacharya 28.04.23
Suchitra Sanpui	2 <sup>nd</sup> Sem Roll - 546	B.A (Honors)	MKC	8100006887	Sanpui Suchitra @gmail.com	Suchitra Sanpui D-28-04-23
Rimpa Das	2 <sup>nd</sup> Sem Roll - 527	B.A (Honors)	MKC	8240901868	das rimpa @gmail.com	Rimpa Das D - 28.04.23
Mandira Yadav	2 <sup>nd</sup> - Sem Roll - 511	B.A (Honors)	M.K.C	8100609730	yadav Mandira 81 @gmail.com	Mandira yadav D. 28.04.23
Shibangee Chakraborty	2 <sup>nd</sup> Sem Roll - 535	B.A (Honors)	M.K.C	6289284973	Shibangee Chakraborty @gmail.com	Shibangee Chakraborty D. 28.04.23
Soumi Kundu	2 <sup>nd</sup> - Sem Roll - G-178	B.A (Gen.)	M.K.C	7595936027	soumikundu020504@gmail.com	Soumi Kundu 28.04.23
Sathi Das	2 <sup>nd</sup> - Sem Roll - G-158	B.A (Gen.)	M.K.C	7439609663	sd988396@gmail.com	Sathi Das 28.04.23
Sneha Pramanik	2 <sup>nd</sup> Sem Roll - G-171	B.A (Gen)	M.K.C	7439579593	Pramanik 469 @gmail.com	Sneha Pramanik 28.4.23
Ahtora Bhattacharjee	2 <sup>nd</sup> Sem Roll - G-10	B.A. (Gen)	M.K.C	7044280561	Ahtora Bhattacharjee @2004@gmail.com	Ahtora Bhattacharjee 28.4.23
Deeba Shaw	2 <sup>nd</sup> Sem Roll - G36	BA (Gen)	M.K.C	62904 3910405125	mshaw8706@gmail.com	Deeba Shaw 28.4.23

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Shruti Choudhary	Student (2nd Sem) Roll - 279	HISA (H) B.A.	MKC	8617717524	shruti.choudhary1923@gmail.com	Shruti Choudhary 28/4/23
Bisha Ghosh	Student (2nd Sem) Roll - 337	HISA (H) B.A.	MKC	6290264603	bishagh@gmail.com	Bisha Ghosh 28/4/23
Banasree Paul	Student (2nd Sem) Roll - SC - 205	GEOA (H) B.S.C.	MKC	7439335974	banasreepaul94@gmail.com	Banasree Paul 28.4.23.
Sneha Mondal	Student (2nd Sem) Roll - SC - 229	GEOA (H) B.Sc	MKC	6291514826	snehumondal9767@gmail.com	Sneha Mondal 28.4.23
Shikhi Adhikari	Student (2nd Sem) Roll - SC - 225	GEOA (H) B.Sc	MKC	8777092662	debisubhas22@gmail.com	Shikhi Adhikari 28.04.23
Gunjun Hela	Student - 2nd Sem Roll ND - 409	PLS (H)	MKC	8777309478	gunjuns271@gmail.com	Gunjun Hela 28.04.23
Rinki Routh	Student - 2nd Sem Roll No - 435	PLS (H)	MKC	6291028107	rinkikumari45943@gmail.com	Rinki Routh 28-04-23
Dola Biswas	Student of (2nd Sem) Roll - G139	BAGI	MKC	6289747089	biswasdola08@gmail.com	Dola Biswas 28.04.2023
Shilpi Srivastava	Student - 2nd Sem - Roll No - 0163	B.A. Cr	MKC	8100288070	shilpisrivastava2004@gmail.com	Shilpi Srivastava 28/4/23
Sushmita Baidya	Student (M.TECH)	Environmental Biotechnology	Jadavpur University	8017844158	sushmitabaidya@gmail.com	Sushmita Baidya 28/4/23
Ankita Das	Student (M.Tech)	"	"	9123889337	ankitas11@gmail.com	Ankita Das 23/4/23



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Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
Jayita Mishra	Student, 2 <sup>nd</sup> Sem Roll No. - 18	ENGA (H)	MKC	8100660963	mjoyi2004@gmail.com	Jayita Mishra 28/04/2023
SHREYA MONDAL	Student - 2 <sup>nd</sup> Sem Roll no. - 53	ENGA (H)	MKC	9051307724	shreyamondal923@gmail.com	Shreya Mondal 28/04/2023
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Maharani Kasiswari College

20, Ramkanto Bose Street, Kolkata-700003

Seminar on "Microplastics- an invisible disaster"

Organized by the Department of Environmental Studies in collaboration with the Study Circle and Seminar Committee, MKC

Speaker: Dr. Punarbasu Chaudhuri, Associate Professor, Department of Environmental Science, University of Calcutta

Date: 28<sup>th</sup> April, 2023 (Friday)

Time duration- 9am-10.35am

Attendance Sheet

Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
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Maharani Kashiwari College

28, Ramkrishna Bose Street, Kolkata-700003

Seminar on "Microplastics- an invisible disaster"

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Attendance Sheet

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Maharani Kasturba College

20, Ramkanto Bose Street, Kolkata-700003

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Speaker: Dr. Punarbasu Chaudhuri, Associate Professor, Department of Environmental Science, University of Calcutta

Date: 28<sup>th</sup> April, 2023 (Friday)

Time duration- 9am-10.35am

Attendance Sheet (TEACHERS)

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(CHAKRAVARTI)

Organized by the Department of Environmental Studies in collaboration with the Study Circle and Seminar Committee, MKC

Speaker: Dr. Punarbasu Chaudhuri, Associate Professor, Department of Environmental Science, University of Calcutta

Date: 28<sup>th</sup> April, 2023 (Friday)

Time duration- 9am-10.35am

## Attendance Sheet

Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
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SUSHANTA KUMARI BAN	Asst. Professor	Sanskrit	M.K.C.	9830262504	ban.sushanta@gmail.com	Sushanta Ban 28/04/2023

Maharani Kasibwari College

20, Ramkanto Bose Street, Kolkata-700003

Seminar on "Microplastics- an invisible disaster"

Organized by the Department of Environmental Studies in collaboration with the Study Circle and Seminar Committee, MKC

Speaker: Dr. Punarbasu Chaudhuri, Associate Professor, Department of Environmental Science, University of Calcutta

Date: 28<sup>th</sup> April, 2023 (Friday)

Time duration- 9am-10.35am

Attendance Sheet

Name of the participant	Designation	Department	Name of the institution	Contact Number	Email Id	Full signature with date
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Archita Roy	Non-teaching staff	Office	Maharani Kasibwari College	9433264655		
Siyali Ghosh	Asst. Prof.	Sanskrit	Maharani Kasibwari College	9475547973		SG 28.4.23
P. Das	Office clerk	Office	MKE	9674097045		
Satyajit Samanta	"	"	MKE	8620884098		S. Samanta
Mandira Ghosh	Assistant Professor	Philosophy	Maharani Kasibwari College	9903039320		MG 28.04.2023



## **MAHARANI KASISWARI COLLEGE**

**Seminar on the topic: Microplastics- an invisible disaster**

**Organisers: Department of Environmental Studies in  
collaboration with the Study Circle and Seminar Committee, MKC  
Guest Speaker: Dr. Punarbasu Chaudhuri**

**(Associate Professor, Department of Environmental Science, University of Calcutta)**

**Date: 28.04.2023**

Department of Environmental Studies in collaboration with the Study Circle and Seminar Committee of Maharani Kasiswari College had organised a seminar on the topic “Microplastics- an invisible disaster” for the academic year 2023. This initiative had been taken to aware the participants of this college and other institutions regarding the overall environmental effect of the microplastic pollution. As an outstanding speaker, Dr. Punarbasu Chaudhuri, was invited to deliver lecture on the emerging environmental issues related to the microplastic. The programme started at about 9 am and the Teacher-in-charge of the Maharani Kasiswari College, Dr. Chaitali Pal, delivered the welcome address to the gathering. Smt. Paushali Guha (Sarkar), Head of the Department of Environmental Studies introduced the eminent speaker before starting the lecture session. It is expected that the seminar will be productive, enjoyable and fruitful for all participants.

The valuable lecture was delivered by Dr. Punarbasu Chaudhuri, Associate Professor, Department of Environmental Science, University of Calcutta. It is learnt that, Dr. Punarbasu Chaudhuri has completed his Post-graduation and PhD in Environmental Science from University of Kalyani. He also engaged himself in Post-Doctoral research on Mangroves from University of Sydney, Australia. His research interests cover the area of mangrove ecology, air pollution, climate change and polar environment. He has published many books and several articles in many renowned journals.

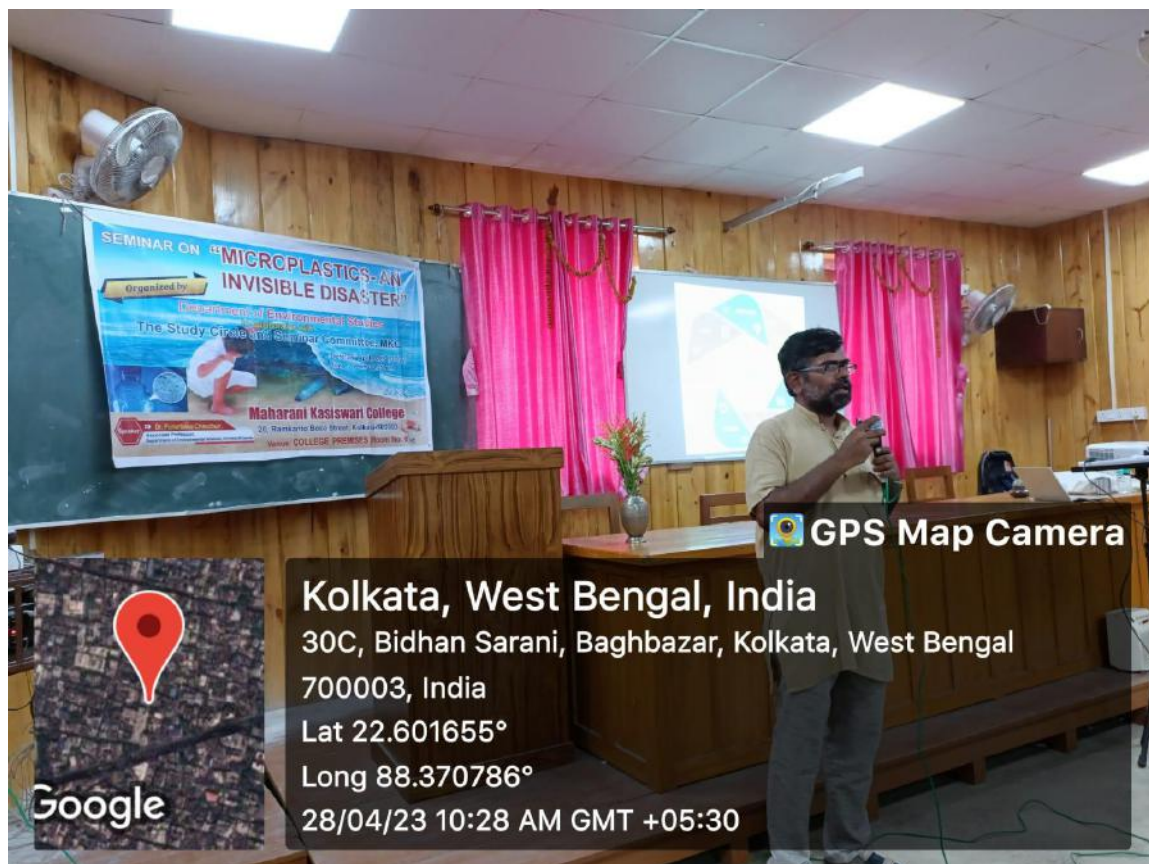
Dr. Punarbasu Chaudhuri enlightened about the future effect of the excessive use of plastic on the biotic and abiotic components of the environment. He discussed that marine microplastic pollution originates from a variety of sources (35% microplastics produced from textile industries, 28% from tyres, 0.3% from plastic granules, 24% from city dust, 3.7% from marine coating, 2% from personal care products). He explained that the microplastics are small plastic pieces less than five millimetres long and are harmful to thirty percent of marine life. Primary and secondary microplastics, which are produced by the Photo-oxidation of daily used plastic products (such as toothpaste, face wash, single use plastic bag etc.) retain around 200-300 years in every sphere of the environment, even in the ice core. So, it easily enters into different trophic levels of the food -chain of an ecosystem and lead to acute and chronic toxicity, carcinogenicity, developmental toxicity, mental illness, neurodegenerative disorders (Alzheimer’s disease) etc. He had focused on 7R’s of sustainability (Rethink, Refuse, Reduce, Repurpose, Reuse, Recycle, ROT) and gave a suggestion to replace the plastic with alternative eco-friendly materials. He had vividly explained about the invisible disaster related to the non-biodegradable microplastics and given an idea about the different possibilities of plastic-free sustainable lifestyle for the better future.

Following this speech, there was a wonderful interactive session where the audience interacted with the speakers clarifying their doubts and asking interesting questions. The question-and-answer segment was conducted by Smt. Shreya Ghosh, teaching faculty, Department of Environmental Studies, MKC. The speaker's response to the enquiries were well received and satisfied. The seminar concluded with vote of thanks proposed by Dr. Anindita Ray Chakravarti, Head of the Department of Food and Nutrition and Joint Convenor of the Study Circle and Seminar Committee, MKC. The programme wrapped up around 10:45 am. The session was enriched with the active participation of faculty members, students of various Departments of this college and other institutions, other stakeholders. The seminar was very informative and provided the participants with enormous knowledge on various aspects on microplastic pollution.

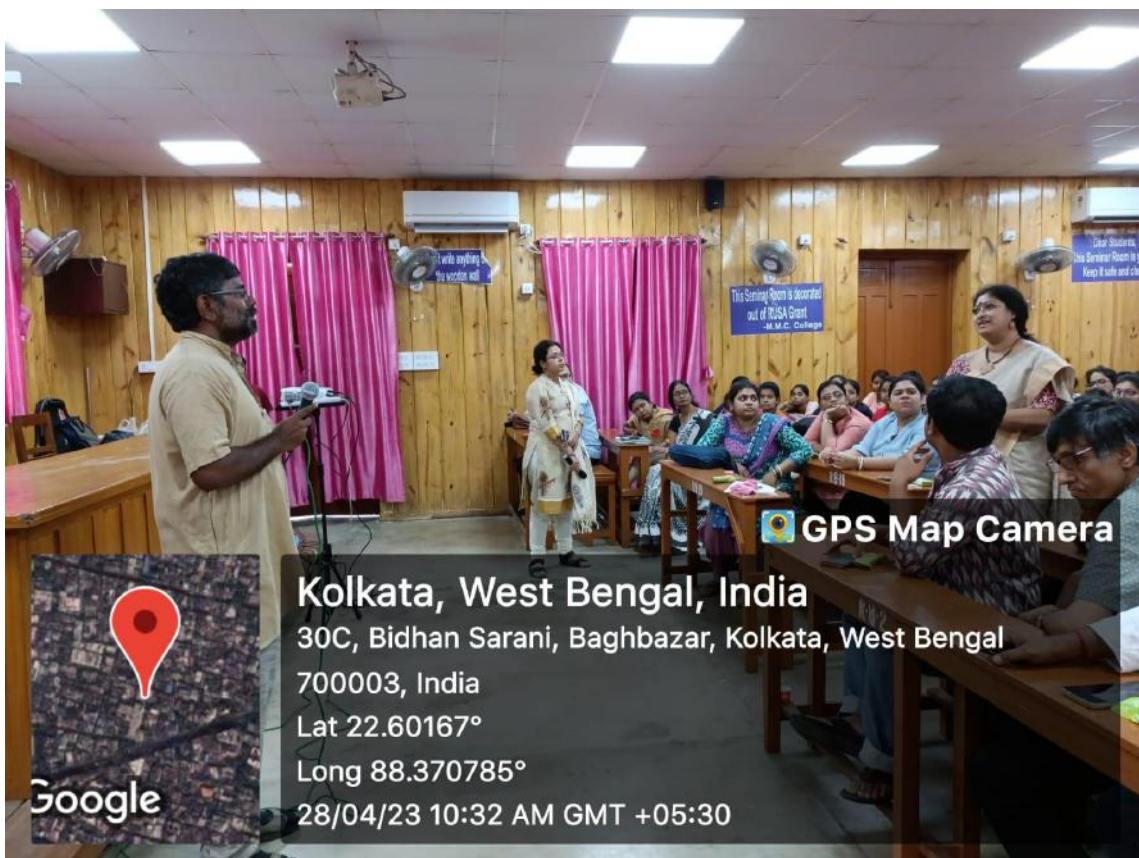
**REPORT SUBMITTED BY:**

**Smt. Paushali Guha (Sarkar),**  
Faculty of the Department of Environmental Studies,  
Maharani Kasiswari college

**Photo gallery of the seminar organised by the Department of Environmental Studies in collaboration with the Study Circle and Seminar Committee of Maharani Kasiswari College (28.04.2023)**



**Picture 1: - Eminent speaker, Dr. Punarbasu Chaudhuri delivering his lecture to the audience**



Picture 2: Question-and-answer segment conducted by Smt. Shreya Ghosh, teaching faculty, Department of Environmental Studies, MKC



Picture 3: Active participation of all participants during seminar session.



Picture 4: Vote of thanks proposed by Dr. Anindita Ray Chakravarti, Head of the Department of Food and Nutrition and Joint Convenor of the Study Circle and Seminar Committee, MKC



Picture 5: - Presence of the Teacher-in-charge, Joint convener of the Study Circle and Seminar Committee, faculty members of the Department of Environmental Studies and other Departments, speaker, external participants, students at the end of the seminar session.