

Ananda Chandra College, Jalpaiguri
Department of Computer Science

Workshop on Augmented Reality
Post Event Report

Edited By:

Dr. Indrajit Ghosh,
Associate Professor,
Department of Computer Science.

Introduction

Augmented reality (AR) is one of the biggest technology trends right now, and it's only going to get bigger as AR ready smartphones and other devices become more accessible around the world. AR let us see the real-life environment right in front of us with a digital augmentation overlaid on it, for example, a dinosaur (augmented part) roaming in a park (reality part). With advances in AR technology, these examples are not that different from what might already be available for your smartphone. Augmented reality is, in fact, readily available and being used in a countless number of ways including as Snapchat lenses, in apps that help you find your car in a crowded parking lot, and in variety of shopping apps that let you try on clothes without even leaving home.

So, to provide our students with an opportunity to learn about AR outside their curriculum, the department had organised a one-day workshop on Augmented Reality. The workshop was jointly organised by the *Department of Computer Science, Ananda Chandra College and the Google Developer Student Club, Jalpaiguri Government Engineering College*. The event was hosted in the seminar cum conference hall in the second floor of Ananda Chandra College on the 18th of December, 2021 from 12PM onwards. While Ananda Chandra College provided the necessary infrastructure, the members from Google Developer Student Club, Jalpaiguri Government Engineering College provided the technical expertise for the workshop.

Objectives of the workshop

The objectives of the workshop can be broadly summarized in the following points:

- i. To let the students identify the opportunities where augmented reality may be applied along with the areas of improvement.

- ii. To provide the students to have a hand on training in augmented reality

- iii. Encouraging students to develop their own AR applications with specific emphasis on industrial demands

- iv. The real-world implementation of AR and explore how they have changed our lives

v. Showcase the skill sets industries are looking for in AR globally, define the gaps in skill sets and illustrate the knowledge the students should acquire to build exciting applications to solve the real business problems

Resource persons

The resource persons who attended the workshop and provided hands on training session to the students were:

- i) Mr. Niloy Sikdar
- ii) Mr. Sagnik Roy
- iii) Ms. Namrata Das
- iv) Mr. Sahil Saha

All of these are distinguished members of Google Developer Student Club of Jalpaiguri Govt. Engineering College.

Achievements

Participants were offered a hands-on training on SPARK-AR software in order to have a real-world experience of augmented reality and its applications. Over 70 students from both science and arts faculties of the college attended the event. Some students even clarified their doubts in a one-to-one conversation with the resource persons. The resource persons ensured that they patiently answered to all the questions elaborately and cleared any doubts or technical queries of the students in order to provide a complete and absolute knowledge. Students were encouraged to submit their own AR effects into Spark's AR open competition. To the best of my knowledge many of the students who attended the workshop have already submitted their AR effects while others are actively pursuing.



(Dr. Indrajit Ghosh)

Associate Professor

Department of Computer Science

Ananda Chandra College

Photo gallery

Official Notice of the event

ANANDA CHANDRA COLLEGE (GOVT. SPONSORED) :: JALPAIGURI
NOTICE/16.12.2021.

An offline workshop on Augmented Reality (AR) organised by Google Developer Student Club, Jalpaiguri Engineering College will be held on 18.12.2021 at 12 O'clock in the Seminar Hall of A.C.College. Interested students are asked to attend the workshop with their own laptop. No Registration charge is required to participate this workshop. For any queries contact Dr. Indrajit Ghosh, Associate Professor, Department of Computer Science.

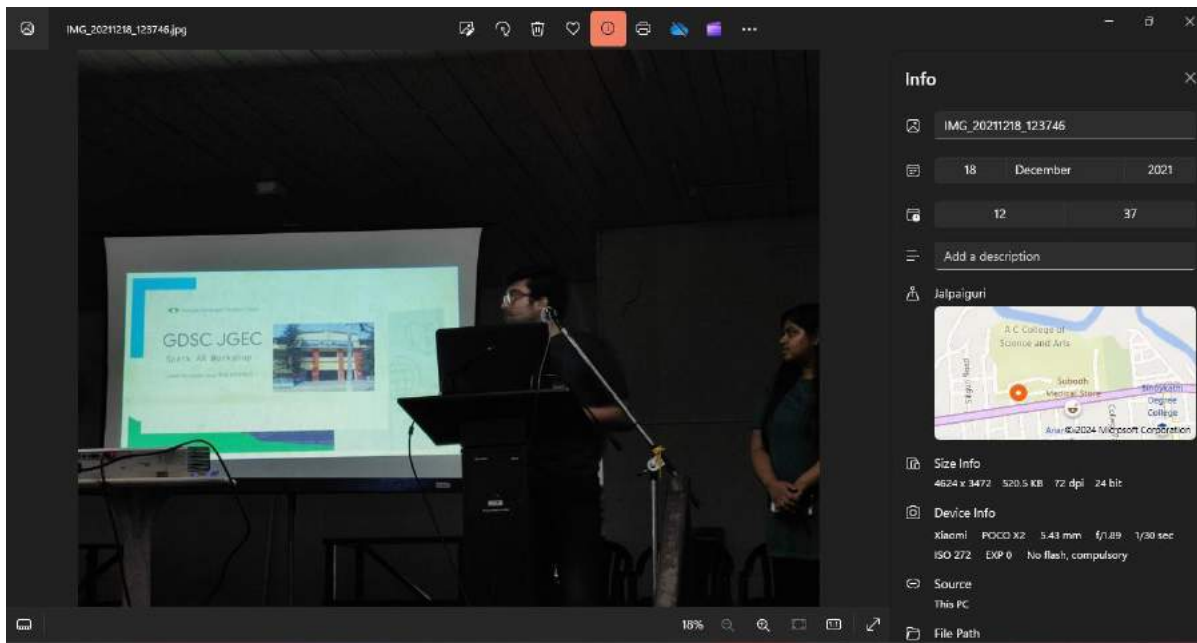
(Dr. Debashis Das)
Principal.



Welcoming the resource persons to the stage



Mr. Niloy Sikdar Introducing the other members of GDSC, JGEC



Discussion on Google Developers Student Club



Introducing the Spark AR software to students



Into the Hands-on training session



Group photo with the attendees

Attendance Sheet for Workshop on Augmented reality
Jointly organised by the Dept. of Computer Science, A.C. College
and Google developer student club, JGEC.

Sl. No.	Name	Department	Mobile No.	Email id
1	Bidyut Roy	C.S	6297311235	roybidyut554@gmail.com
2	Suman Baidya	C.S	9547651970	suman9735052080@gmail.com
3.	Mourya Sikha Roy	CHEMISTRY	9749839007	mourya.sikharoy@gmail.com
4	SOUHARDYA BANERJEE	C.S	7872206060	Souhardya21@gmail.com
5	NILADRI SEKHAR SHARMA	C.S.	9064891612	niladri.sekhar.sharma@gmail.com
6.	KRITTIKA GHATAK	COMPUTER SCIENCE	8101393175	krittikaghatatak@gmail.com
7.	Ayan AYAN DAS	COMPUTER SCIENCE	9800054895	dasayan218@gmail.com
8.	DHIRAJ MANDAL	COMPUTER SCIENCE	8597423385	dhirajmandal14012001@gmail.com
9.	PRIYANSHU DAS	C.S	8695712183	priyanshudas69@gmail.com
10.	SUBHANKAR ROY	C.S	7064741148	Subhankar12@gmail.com
11	SOURAV DUTTA	Computer Sci. H.	9653517517	Souravdutta1148@gmail.com
12	SOURAV DAS	C.S Hns	6296146534	iamsourav202@gmail.com
13	Amiket Paul	C.S Hns	8597124983	amiket9121522511@
14	TUSAR SAHA	Microbiology Hons.	7001397798	tusar23saha@gmail.com
15	BIDYUT GHOSH	Bio Pass	8170077068	ghoshbidyut25@gmail.com
16	Susmita Barman	English Honours	8101729740	36275349@gmail.com
17	NANDITA BISWAS	Geography Honours	9749159833	Biswasnandita73@gmail.com
18.	MAINAK BARMAN	English Hons.	8727682206	mainakbarman.fk@gmail.com
19.	SUBRATA SARKAR	English Hons.	8972063935	subsarkar102@gmail.com
20.	ASIF RAHAMAN	Physics Honours	9382850411	asifrahaman2020@gmail.com
21.	ROUNAK PRAMANIK	Physics Hons.	8927659203	prounak69@gmail.com
22.	BISWADIP ROY	C.S.	7475463595	biswadip.roy2003@gmail.com
23	Nikita Barman	Math	8170087763	NikitaBarman648@gmail.com
24	Grobi Saha	Chemistry	7872089662	Grobisaha521@gmail.com
25	BARNALI SAHA	Bio Science	9002429346	BarnaliSaha@gmail.com
26	BIPASHA TALUKDAR	PHILOSOPHY	9382184565	Bipashat547@gmail.com
27	SANJAYCHAKRABORTY	COMP. SC.	6289700817	sanjayspc29@gmail.com
28.	Nityananda Adhikary	COMP. SC	7001063358	nna4kbdhupgeri@gmail.com
29	IMRAN KHAN	COMP SC	9093050786	imrankhan9699@gmail.com
30.	Sushanta Sen	Math Honours	8101669138	SushantaSen2003@gmail.com
31)	Debasmita Ganguly	Maths Honours	8918001033	debasmitaganguly27@gmail.com
32)	Subhankar Rg	Computer Science	7908475237	rshubho101@gmail.com
33)	Bapan Das	computer science	9002618660	bapan.das5325@gmail.com
34)	Pritam Chowdhury	Computer science	7431068268	pritamchowdhury2601@gmail.com
35)	SOURAV SARKAR	Computer Science	6294532267	souravsarkar95@gmail.com

Attendance Sheet for Workshop on Augmented reality
Jointly organised by the Dept. of Computer Science, A.C. College
and Google developer student club, JGEC.

36.

41.
→

37)	Mandira Banerjee	C.S	9064993651	mandira.banerjee2005@gmail.com
38)	Manabprata Adhikary	C.S	8327296846	manabmng2017@gmail.com
39)	Abhijit Rabi Das	C.S	9679489050	ajdas123.fl@gmail.com
40)	Sujata Barman	C.S	8670160740	sujatabarman4455@gmail.com
50)	Rajdip Roy	C.S (HONS)	9800117128	rajdiproy7478291440@gmail.com
51)	Bishal Roy	C.S (HONS)	7908287089	Broy98095@gmail.com
52)	Sayan Das	C.S Hons	9733439592	imaginarypov20@gmail.com
53)	Pratham Gupta	C.S Hons	9883848279	prathamchopan88@gmail.com
54)	Jyotirmoy Barman	C.S Hons	9339117606	Jbarman544@gmail.com
55.	Bodhisatwa Roy	C.S Hons	6297949996	9002bodhi@gmail.com
56.	Jit Saiba	C.S Hons	9609317007	Jitsaiba@gmail.com
57.	Biswarup Roy.	C.S Hons	8670413282	royb98171@gmail.com
58.	Anirban Roy	C.S Honours	7477452270	anirban.rajaspi@gmail.com
59	Anupam Adhikary	C.S Honours	6296813013	anupam735224@gmail.com
60	Priyanshu Dutta	HISTORY (H)	7719278977	Priyanshu894@gmail.com
61	Anik Basak	C.S	6297856024	anikbasak456@gmail.com
62	Amit Nandi	C.S (H)	8158085109	amitnandi1650@gmail.com
63	Abhijit Debnath	C.S (H)	8371963171	AbhijitDebnath1729@gmail.com
64	Shubhash Sarkar	C.S (H)	6297327241	shubhashsarkar20@gmail.com
65	Shubhra Pratham Dutta	C.S (H)	7364999057	guddudutta848@gmail.com
66	Anirban Mandal	PHY (H)	7477896788	ani603493@gmail.com
67	Poulami Sarkar	PHY (H)	8972786988	SarkarPoulami69@gmail.com
68	Jeeshu Chakraborty	PHY (H)	8327057349	jeeshuc90@gmail.com
69.	Swagata Chatterjee	PHY (H)	7778020378	swagataira2001@gmail.com
70	Jayesh Roy	C.S (H)	8537828989	pyeetroy41@gmail.com
71	Jiya Guha	PHY (H)	7431015648	jiyaguha2001@gmail.com
72	Debarajya Roy	MATH (H)	9547851603	iammglharoy003@gmail.com
73	Aritra Kar	C.S Hons (H)	7908377672	aritrakar123@gmail.com
74	Shekhar Roy	C.S Hons (H)	8927672729	shekharroy5292@gmail.com
75	Suvorit Sengupta	C.S Hons (H)	7001671409	Suvorit.Sengupta559@gmail.com
76	Priya Konnaker	C.S Hons (H)	8101649783	Priya J Konnaker@gmail.com
77	Neha Das	BBA-LLB (Hons)	8617628214	Neha Das nehadass2017@gmail.com
78	NITTYA GOPAL BAIDYA	C.S	9382805496	mnitnya@gmail.com
79	ASHISH DAS	C.S (H)	8927436364	adas94160@gmail.com
80	KOLLOL GHOSH	C.S Hons	9439812942	ghosh.isp2019@gmail.com

70