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**VINAYAKA MISSION'S
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DEPARTMENT OF BIOMEDICAL ENGINEERING
In
Association with
IEEE Student Chapter-AVIT & IETE students Forum
WEBINAR ON
“Medical Virtual Reality”

Event Title	Medical Virtual Reality		
Resource Person	Dr. Padmanjali A Hagargi, Associate Professor, CSE Dept, Guru Nanak Dev Engineering College, Bidar, Karnataka		
Academic year	2022-2023		
Program Type (Workshop / Motivation speech / Field Visit / Competition / Others)	Others (Webinar)		
Program Theme (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre – Incubation / others)	Others		
Start date & End Date (DD/MM/YYYY)	09.03.2023	09.03.23	
Duration of the activity (in Mins) & Start Time & End Time	Duration: 120 Mins.	Start Time: 12:30 PM	End Time: 02.30 PM
Participants	Students: 44	Faculty: 5	External: nil
Mode of session (online / offline)	Online		
Event Organizer / Coordinator Faculty Name / Department / Designation	Dr.Prasath Alias Surendar., Assoc.Prof./BME Ms.Sandhiya.R,Asst. Prof./BME		
Target Participants	II,III Year students of Biomedical Engineering and Technology		
Outcome	The session gave an insight on the opportunities for students to understand the applications of virtual reality algorithms and image analysis for disease detection.		
Meeting Link	https://tinyurl.com/dbduk83x		



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EVENT BROCHURE



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Cordially invite you all for the
Webinar on

"Medical Virtual Reality"



09.03.2023, Thursday



12.30 p.m.



Mode : Microsoft Teams

**Resource
Person**



Dr. Padmanjali A Hagargi,

Associate Professor, CSE Dept,

Guru Nanak Dev Engineering College,

Bidar, Karnataka

In the presence of

Dr. G. Selvakumar, Principal, AVIT

Dr. L. K. Hema, Professor & HOD, ECE & BME, AVIT

Event Coordinators: Dr. S. Prasath Alias Surendar, Asso. Prof. BME

Ms. R. Sandhiya, Asst Prof. BME

Student Coordinators: Ms. Arepalli Madhuri, III Year, BME

Ms. Premalatha R. III Year, BME



Organized by : Department of Biomedical Engineering
In Association with IEEE Student Chapter-AVIT & IETE students Forum



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WEBINAR REPORT

The Department of Biomedical Engineering in Association with IEEE Student Chapter-AVIT & IETE students Forum conducted a program to biomedical students on the topic “Medical Virtual Reality” on 09.03.2023.

At the outset, Dr.L.K.Hema, Prof, BME department delivered the welcome address, followed by the chief guest introduction by Ms.Arepalli Madhuri, student from III year BME. The chief Guest Dr. Pathamanjali Associate professor, Department of Computer science Engineering, Guru Nanak dev Engineering college Karnataka who delivered a talk on Medical virtual reality has an immense knowledge in Tumors Analysis & Detection, Brain Tumor Detection using ANN Algorithm, Image Edge Detection Using Morphological Algorithm, Published a patent in topic of Sugar Level Checking in a Patient using Isopropyl Alcohol in an Emergency at Home using IoT Technology. Many Papers were published in Springer Proceedings and received an outstanding award in Analytics & Formal Computing by IESA And Women Research Award Engineering, Science & Medicine by International Scientist Awards 2020.

Later , The chief Guest , Dr. Pathamanjali Associate professor, Department of Computer science Engineering, Guru Nanak dev Engineering college Karnataka with lot of insights about Virtual reality gave an introduction about the Field of medicine with the onset of new technologies involved in VR architecture & ML Algorithms. Later a brief introduction on various domains and field of interest was given. Students had a great experience in learning new concepts and the software tools were specially made up for VR System using C & C++ Languages. Students were interactive and the event had a Question and Answer session at the end.

The workshop was concluded by Vote of Thanks by Premalatha R, Student from III year Biomedical.



EVENT GALLERY

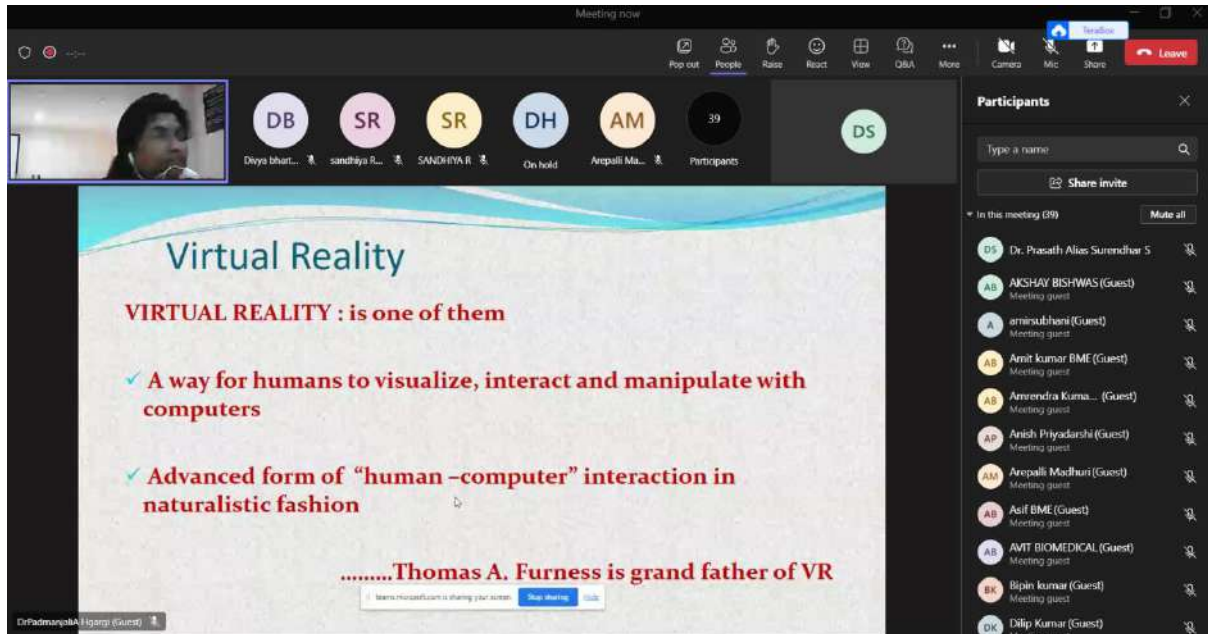


Fig 1 : Chief guest Introduction

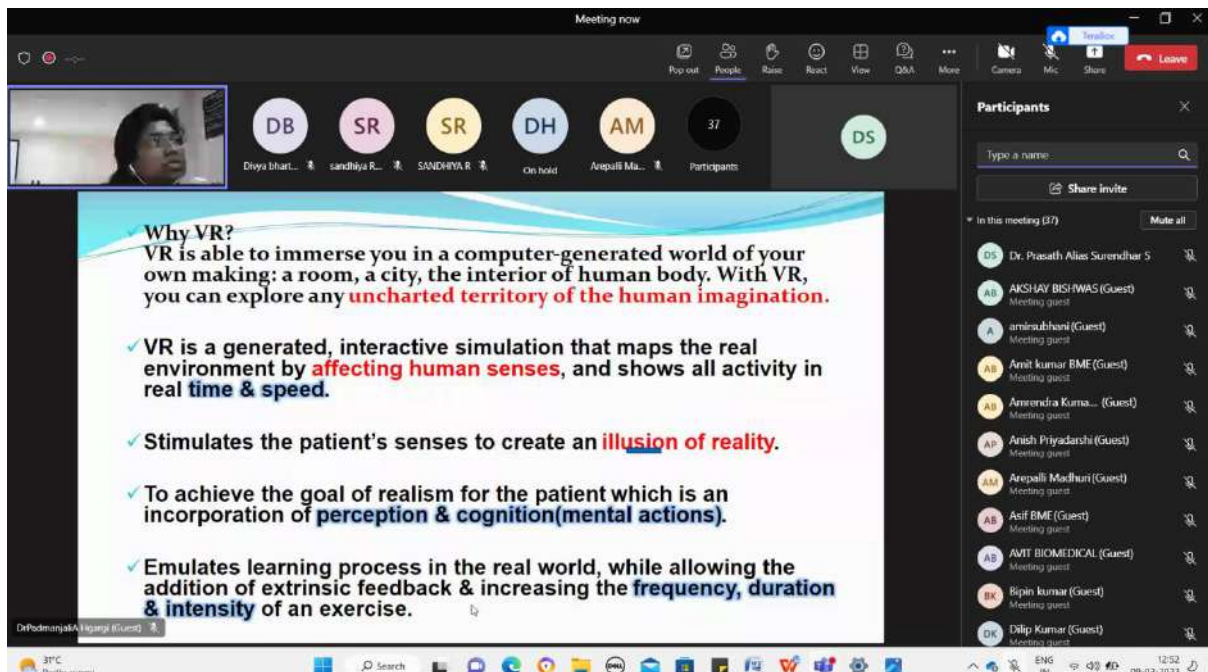
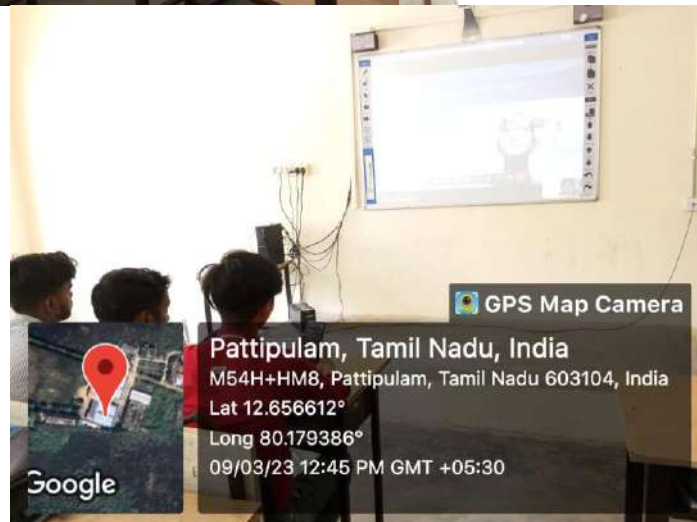
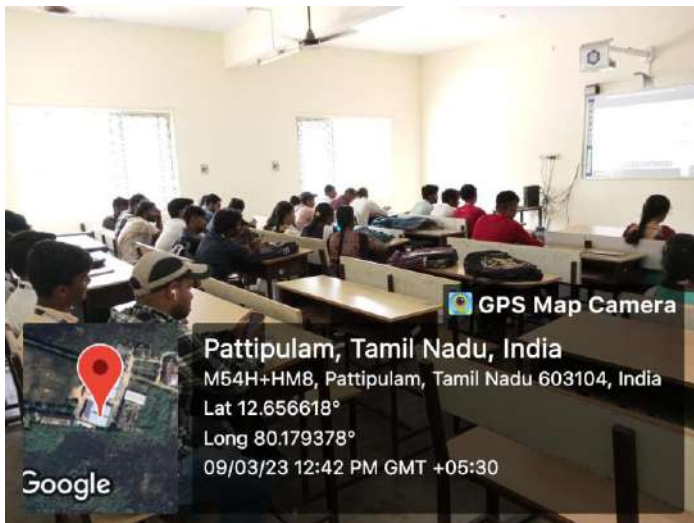


Fig : Session on Virtual reality



Fig 3 : Briefing on Architecture of VR System



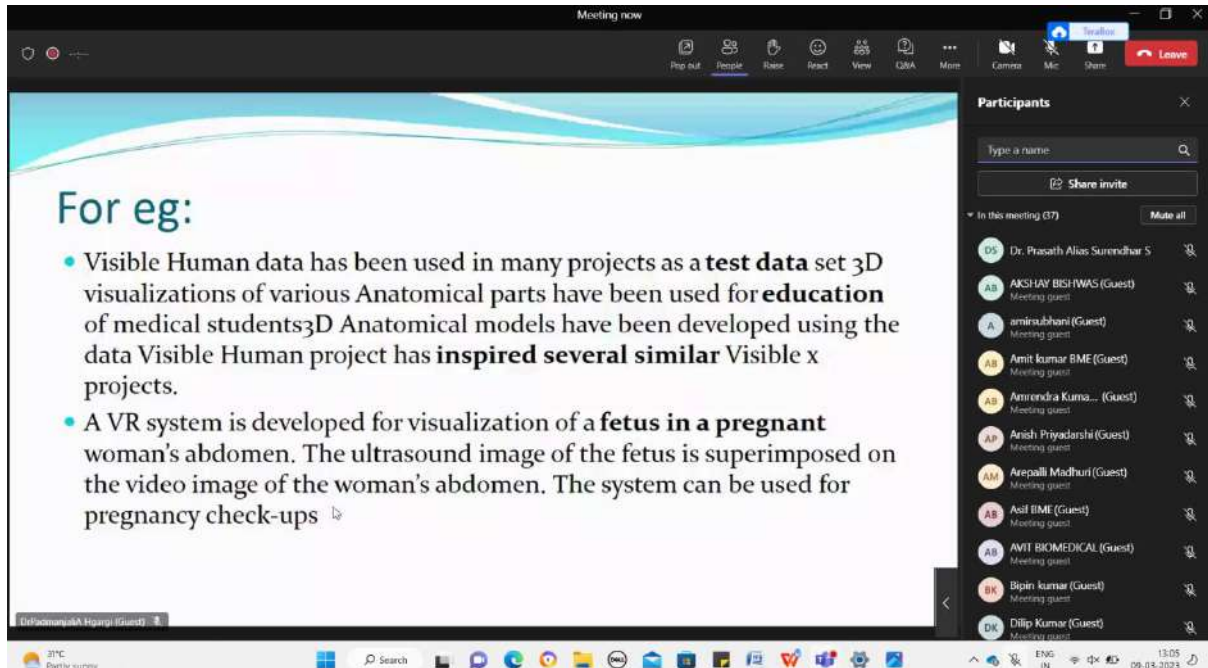


Fig 4 : Question and Answer session

LIST OF PARTICIPANTS

SL NO	NAME	BRANCH	CATEGORY
1	AMRENDRA KUMAR SINGH	BME	Student
2	ANISH KUMAR	BME	Student
3	ANISH PRIYADARSHI	BME	Student
4	AREPALLI MADHURI	BME	Student
5	ASIF ALI	BME	Student
6	BALAJI S	BME	Student
7	HEMALATHA T	BME	Student
8	JAY KRISHAN YADAV	BME	Student
9	KRISHAN KUMAR	BME	Student
10	LOKESHWARAN S	BME	Student
11	MANISH KUMAR JHA	BME	Student
12	MEENA JAYASTRI R	BME	Student
13	MITHILESH KUMAR	BME	Student
14	NISHU KUMARI	BME	Student
15	NITESH KUMAR THAKUR	BME	Student
16	PONNARASAN M	BME	Student
17	PRAVEENA R	BME	Student
18	PRAVIN R	BME	Student
19	PREMALATHA A	BME	Student
20	PRIYADHARSHINI K	BME	Student
21	SHAFUDEEN S	BME	Student
22	SUSI M	BME	Student
23	VELMURUGAN C	BME	Student
24	AKSHAY KUMAR BISWAS	BME	Student
25	AMIT KUMAR	BME	Student
26	BIPIN KUMAR	BME	Student
27	DILIP KUMAR	BME	Student
28	DIVYA BHARATI	BME	Student
29	GUNASEELAN E	BME	Student
30	JITU KUMAR	BME	Student
31	MANOJ SAH	BME	Student
32	MD AFJAL ALAM	BME	Student
33	MD AMIR SUBHANI	BME	Student
34	MERLIN SWEETA S	BME	Student
35	RAJEEV KUMAR MANDAL	BME	Student
36	RANJAN KUMAR JAISWAL	BME	Student
37	RITHIGA S	BME	Student
38	SHIKHA SONI	BME	Student
39	SHYAM BIHARI	BME	Student
40	STUTI KUMARI	BME	Student
41	SUGASINI L	BME	Student
42	VISWANATHAN R	BME	Student
43	YOKESHWAR V	BME	Student
44	MOHAMMED FASIL A	BME	Student
45	PRASATH ALIAS SURENDHAR S	BME	Faculty
46	SANDHIYA R	BME	Faculty
47	LAKSHMI SHREE B	BME	Faculty
48	PRABAKARAN V	BME	Faculty
49	AMURUTHA A P	BME	Faculty