

Seminar on “The Role of Energy and Dissipation in Robotics”



**DEPARTMENT OF MECHANICAL ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE**

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

ACCREDITED BY IEI, NBA & NAAC • ISO 9001:2015 CERTIFIED
APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY



**Seminar on
The Role of Energy and Dissipation in robotics
IEEE RAS Student’s Branch Chapter @VJEC**

Resource Person

Seminar Link:

<https://meet.google.com/wii-coiz-mat>



Dr. pablo Borja Rosales,
Lecturer,
University of Plymouth,
UK.

Handwritten signature: PBR / KTN

E-Certificate will
be Provided for
all Participants

Date & Time: 09.11.2022 @ 09.00pm



DEPARTMENT OF MECHANICAL ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE

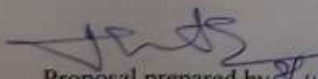
JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

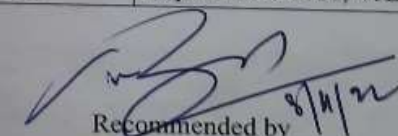
ACCREDITED BY IEI, NBA & NAAC • ISO 9001:2015 CERTIFIED
APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

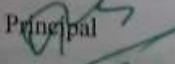


Event proposal form

1	Event type and name	Seminar on “The role of energy and dissipation in robotics”.		
2	Date and time	09 th Nov 2022, 09.00 PM- 10.00 PM		
3	Participants/ audience	UG students		
4	Venue	Google Meet online		
5	Objectives	To understand the role of energy and dissipation in robotics.		
6	Expected outcomes	The UG students will be able to understand the energy and heat dissipation in robotics.		
7	Connected PEOs/POs/COs	PO2, PO3, PO6, PO7, PO8, PO10, PO12, PSO1, PSO2		
8	Resource requirements	Resource Person: Dr.Pablo Borja Rosales, Lecturer, University of Plymouth, UK. IEEE RAS Senior Member.		
9	Any other relevant information	Nil		
10	Responsible persons	<p style="text-align: center;"><u>IEEE RAS SBC Staff Advisors:</u></p> <table border="1"><tr><td>Dr.S.Christopher Ezhil Singh Professor, Department of ME, VJEC</td><td>Dr.P.Sridharan, Professor, Department of ME, VJEC</td></tr></table>	Dr.S.Christopher Ezhil Singh Professor, Department of ME, VJEC	Dr.P.Sridharan, Professor, Department of ME, VJEC
Dr.S.Christopher Ezhil Singh Professor, Department of ME, VJEC	Dr.P.Sridharan, Professor, Department of ME, VJEC			


Proposal prepared by 8/11/2022
Dr.S.Christopher Ezhil Singh,
Professor, Dept. of ME


Recommended by 8/11/22
Cdr. (rtd.) Raju K Kuriakose,
Associate Professor/HOD, Dept. of ME


Principal
8/11

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr.Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
1	Mr	Shyamdev K	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	good	yup	yes	Agree	good
2	Mr	Sankeerth O T	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Great	Yes	Yes	Agree	Wonderful
3	Mr	Jestin K S	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Good	Good	Agree	Good
4	Mr	Nived Manoj	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	
5	Mrs	Anmariya Thomas	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Very nice class
6	Mr	Ashik Jhonson	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Neutral	Good
7	Ms	Theja Dinesh	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Excellent	Yes	Yes	Agree	Excellent
8	Mr	Alen Kurian Joseph	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very nice	Yes	Yes	Agree	Very informative
9	Mr	Abhinav k	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The session was very informative and interesting.	Yes	Yes	Neutral	The session was good and informative
10	Mr	Agney J Purushotham	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Definitely	Agree	Great work
11	Mr	Aaqib Faiyad Abdul Hameed	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	He's a great explainer and his concepts of making me understand was great	Little bit	Yes	Neutral	Good
12	Mr	SUBIN.M	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Neutral	Good
13	Ms	Athira K K	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	wonderful	yes	yes	Agree	well handled, got to know more informations
14	Mr	Bharadwaj N.K	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Good

79

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr.Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
15	Mr	Navanith Vipin	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Great session very informative	Yes	Yes	Neutral	Very informative
16	Mr	AMAL GEORGE PHILIP	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	VERY NICE CLASS	YES	YES	Agree	NICE
17	Ms	Ann Riya Siby	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good. Resourceful	Yes	Yes	Neutral	It was good.
18	Ms	Anu Benny	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Nothing
19	Mr	KIRAN K	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very Good	Yes	Yes	Neutral	Very Nice
20	Ms	Hridwetha Chithran	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Nice	Yes	Yes	Neutral	
21	Mr	Navaneeth.d	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was helpful	Yes	Yes	Agree	I hope it would help us in our future
22	Mr	Abhay das	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very inspiring and convenient	Yes it was useful	He was better at his presentation	Neutral	It was helpful and inspiring waiting for more contents like this
23	Mr	THOMAS GEORGE	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Excellent	Yep	Agree	Great
24	Mr	Dhanus Joy	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very good	Yes	Yes	Agree	Good
25	Mr	SKILL C H	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Nice	Yes	Yes	Neutral	It was very useful.
26	Mr	ASHIQUE C P	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	nice	yes	yes	Agree	fine
27	Ms	Mridula PT	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was a nice session	If course.it was very effective	Yes	Agree	It was a nice session and it was interesting.we are expecting more from you...

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr. Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
28	Mr	Abhiram, A	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was useful	Yes	Yes	It was conducted on google meet	Good
29	Mr	Ajimon Francis	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very good session	It was very useful	No	Disagree	Good
30	Mr	Goutham S Prasad	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very Good	Yes	Yes	Neutral	Very useful for the future
31	Mr	Alen Biju	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	very informative	yes	yes	Neutral	good
32	Mr	Sanjiv, R	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very informative .good	Yes	Yes	It was conducted in google meet..	Informative
33	Ms	Sayanth P	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Nice	Yes	Yes	Neutral	Good concept
34	Mr	Naveen K Mathew	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The session was very good and helpful.	It was indeed.	Yes	Neutral	The seminar was good. It was a wonderful experience.
35	Mr	HARIKRISHNA P V	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Very good
36	Mr	Abhinav k	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was very good session	Yes	Yes	Agree	Good session
37	Mr	Gokul M	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Good.. Great
38	Mr	Sayanth santhosh	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Usefull
39	Mr	Muhammed Afnas O K	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	This session was informative on the topic of robotics	yes its intriguing	yes he has done a great job	Agree	its a good seminar
40	Mr	SOORYA NATH M	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was good and excellent	Yes it was useful	Yes he had explained very clearly	Agree	Its was excellent and informative
41	Mr	Abhinav PP	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Superb	Very excellent presentation and useful for the future	Yes	Agree	Expecting more classes , very informative

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr. Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
42	Mr	JOJO GEORGE	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	GOOD	YES	YES	Neutral	GOOD
43	Mr	Nivedh Dinesh	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Excellent	It was very useful presentation	Yes	Agree	Expecting more classes about the topic
44	Mr	JOYAL M JOSEPH	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Good
45	Mr	Alfi Siby	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Great	Yes	Yes	Agree	Very nice
46	Mr	kannan moham	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	very good	yes	yes	Agree	It was very useful
47	Mr	K V Henathraj	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	So informative	Yes	Yes had	Neutral	Good
48	Mr	Abhiram S Manoj	P.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Good
49	Mr	Navendu C	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was a useful and informative session	Yes.	Yes	It was not conducted on WebEx. It was conducted on Google meet	It was informative
50	Mr	Sarath Saseendran	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The session was very good and informative.	Yes it was useful	Yes the expert have put a good effort	Agree	Very good opinion
51	Mr	ABHIRAM MANOJ	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Excellent	Yes	Yes	Neutral	Great Idea
52	Mr	Abin B P	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very advanced and helpful	Yes it was helpful	Yes very well explained	Agree	It helped in understanding about Robotics and its basic workings
53	Mr	KARTHIK P	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Excellent	Yes	Yes	Agree	Good class
54	Mr	Akash Santhosh	U.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Neutral	Good

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr.Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
55	Mr	Nixon John George	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Helpful	yes	yes	Agree	Useful
56	Mr	Albert Jose	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The section was really helpful	Yes it was	Yes	Agree	Helpful too understand the concept
57	Ms	Alphonsa Prince	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	Good
58	Mr	Adarsh Johnson	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Neutral	Great
59	Mr	Anandhu poyyil	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	it was good	yes it was	yes	it was conducted on Google meet	it was well organized and informative
60	Mr	Alen.T.Tom	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	It was very good
61	Mr	Akash E	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very Good	Yes	Yes	Agree	Expecting more classes regarding those topics
62	Mr	Melwin Paul	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The session was really informative and inspiring. I eagerly waiting for	Yes	Yes	Agree	Very good
63	Mr	Amal Jerry	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was very informative and helpful.	Yes it was.	Yes he did	Disagree	It was a very informative seminar.
64	Mr	Albino Siby	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Nice	Yes	Yes	Agree	Nice
65	Mr	Amal Shibu	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The class was very interesting.	yes.	yes.	Neutral	Dr Pablo Borja Rosales was able to explain the topics in a very efficient and easy to understandable manner. I am sure the topics he took today will be very helpful to all the students who attended the seminar in the very future class about

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr.Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
66	Mr	nived o	P.G. Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	it was good	yes	yes	Neutral	it was informational
67	Ms	Anliya Shaiju	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very interesting	Yes	Yes the did	Agree	Exicted
68	Ms	Riya George	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very good	Yes	Yes	Agree	Very good
69	Mr	Alex Daniel	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very good	Yes	Yes	Neutral	It was very useful
70	Mr	Abhinav M	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Informative	Yes	Yes	Neutral	Good
71	Ms	Amna Zaynab Sadik	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Yes	Agree	It was effective
72	Mr	Mohith Prakash	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very good	Yes	Yes	Agree	Good seminar
73	Ms	Arshiya C	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	It was a very useful class	Yes	Yes	Neutral	Its was an interesting topic
74	Mr	Anto Joseph	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very informative	Sure	.	Agree	No opinion
75	Ms	SWATHI KRISHNA	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very nice session. It was helpful.	Yes	Yes	Neutral	Good seminar
76	Ms	Anna Maria	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Excellent	Yes	Yes	Disagree	Seminar was good. Expecting more good seminars
77	Mr	AMAL ROY	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good session	Yes	Yes	Agree	Nice seminar
78	Mr	Abhay k v	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	The session was informative	Yes	Yes	Agree	The seminar was informative and insightful
79	Mr	Mathew M J	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	More useful things graphs from their	Yes	Yes	Agree	This seminar have more information and it is very useful

Post Impact Feedback on seminar in The Role of Energy and Dissipation in robotics on 08.11.2022 (Responses)

S.No	Title	Name	Designation	College Name	How you feel this session handled by Dr. Pablo Borja Rosales, Lecturer, University of Plymouth, UK.	Is the seminar content was useful for you	Whether the Expert have put a good effort on explaining the topics to make you understandable	How you feel the online platform WebEx	Your opinion about the Seminar on Multi-Robotics systems
80	Mr	Amal Cs	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good, it was very useful	Yes	Yes	Agree	Good
81	Ms	Alna George	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	good	Yes	Yes	Agree	Good
82	Mr	Joel Mathew Siby	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good	Yes	Okay	Neutral	Practical examples
83	Mr	Jeritt Jithin	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Very Good	Yes	Yes	Neutral	It Was Great
84	Mr	Valbhav Prasannan	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	This session was amazing. It gave me a lot of insight about the topic and granted me so much knowledge about it. It has inspired me and made me more ambitious about my goals	Yes	Yes. The experts presentation was amazing	Agree	An overall brilliant experience
85	Mr	AMAL ROY	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	Good and usefull	Ofcourse ...it was worth	Yes	Agree	Excellent It gives enlarged perspective on robotics, other than the information that I personally know.
86	Mr	Geo M Benny	U.G.Student	Vimal Jyothi Engineering College, Kannur, Kerala, India.	A very good lecture	Yes	He really made me understand in depth	Neutral	

Photos:

