LIST OF SLOW AND ADVANCED LEARNERS I YEAR PHYSICS 2021-22

No	NAME OF STUDENTS	MARKS/25	CATEGORY
1	ADITHYA RAGHUPATHY	6	SLOW
2	ANANYA P	15	SLOW
3	ANEENA A P	18	ADVANCED
4	ANJALIKRISHNA A K	15	SLOW
5	ARYA MADHAVAN A P	28	ADVANCED
6	ASHIDA NASREEN	17	ADVANCED
7	ASWINI A	26	ADVANCED
8	ATHIRA K MADHU	6	SLOW
9	AYSHA ABID	20	ADVANCED
10	CHAITHRA S	11	SLOW
11	FATHIMA NESRIN P	5	SLOW
12	FATHIMA SHAMEELA	9	SLOW
13	GAYATHRI V	24	ADVANCED
14	HIBA FATHIMA T	17	ADVANCED
15	HRIDYA K	22	ADVANCED
16	JUMAILATH P K	14	SLOW
17	JYOTHIKA U	14	SLOW
18	KRISHNANJANA M	11	SLOW
19	KRISHNENDHU V K	16	SLOW
20	MAGNA MOHAN	16	SLOW
21	MEDHA SUDHAKAR T	20	ADVANCED
22	NAFLABANU K S	18	ADVANCED
23	NANDANA C K	22	ADVANCED
24	NEESHMA MEHNA M P	6	SLOW
25	PUNNYA S	17	ADVANCED
26	RASHMI RAJ N P	18	ADVANCED
27	RIYA MICHAEL	24	ADVANCED
28	ROSNA BABU	33	ADVANCED
29	S SREELAKSHMI	15	SLOW
30	SANGETHA E	14	SLOW
31	SANIYA PRASAD K	14	SLOW
32	SAPTHA M N	13	SLOW
33	SARANYA V NAIR	22	ADVANCED
34	SARIKA N M	11	SLOW
35	SELIN BERSILIN BIJU	20	ADVANCED
36	THEERTHA SHAJI	15	SLOW

i) RESEARCH PUBLICATIONS BY STUDENTS

<u>PG STUDENT</u>

Ann Sandra Sebastian, A.Sobha, Sumangala R " MnO₂/CoO electrode for supercapacitor: Synthesis and electrochemical performance" Materials Today Proceedings <u>https://doi.org/10.1016/j.matpr.2021.12.111</u> *UG STUDENT*

Esabell Mariya James, A.Sobha, Sumangala R "Enhanced charge transfer in ELDC capacitors: PEDOT: PSS BaTiO3 composite separator and activated carbon electrode" Materials Today Proceedings <u>https://doi.org/10.1016/j.matpr.2021.12.178</u>

ii) Encouraged students to complete skill based certificate courses.

a) Arya Sudhakaran, III BSc Physics

ICFOSS	
No.: ICFOSS /202112PYB159019 Date: 30/Jan/2022	
	ST
This is to certify that Ms. Arya Sudhakaran	ARYA SUDHAKARAN
has participated in the Online Certification Programme -	has an analytic completed
International Centre for Free and Open Source Software(CFOSS).	Create Your First Python Program From UST
held from 26th December 2021 to 22nd January 2022	se obtaine normality propria advanted by Convert Proper Network and alfords allowed
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b) Fida Fathima T, II BSc Physics

INTERNSHALA	Quarry
Internship Awareness Certificate	CERTIFICATE OF INTERNSHIP
	26 ^m July, 2021
This Is To Certify That	
Fida Fathima T P	This is to certify that Fide fathima T P has done her internship in Quizzy from 08/04/2021 to 29/04/2021
	She was deployed as a Subject Matter Expert.
participated in the Grand Summer Internship Fair - India's biggest online internship fair where Fida Fathima T P helped students kick-start their career by creating awareness about	During the internship she demonstrated good leadership skills with a self-motivate attitude to learn new things. Her performance met expectations and she was able complete the project successfully on time.
meaningful internships.	We wish her all the best for her future endeavors.
We appreciate the efforts put in and wish Fida Fathima T P all the best for future endeavours.	
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11	Founder, Quizz
Date of certification: 16/04/2021	
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iii) SUMMER FELLOWSHIP

Ms.Aleena Wilson - II MSc Physics - Indian Institute of Astrophysics

Ms.Abhinasree P – II Msc Physics – IUCAA

Ms. Jeesna MS- II Msc Physics -IUCAA



INDIAN INSTITUTE OF ASTROPHYSICS Bengaluru

Online Summer School

E-Certificate of Participation





BGS, IIA



अंतर-विश्वविद्यालय केंद्र : खगोलविज्ञान और खगोलभौतिकी

Inter-University Centre for Astronomy and Astrophysics An Autonomous Institution of the University Grants Commission

To Whomsoever It May Concern

We are pleased to announce that Ms. Abinasree P

from Providence Womens College, Calicut(Affiliated To University Of Calicut) has been selected to attend the virtual Introductory Summer School in Astronomy and Astrophysics that is being organised by IUCAA during May 10 - June 11, 2021.

Professor Dipanjan Mukherjee Faculty Coordinator, Introductory Summer School in Astronomy and Astrophysics

Mailing Address : IUCAA, Post Bag 4, Ganeshkhind, Pune 411 007, India. Location : Meghnad Saha Road, Savitribai Phule Pune University Campus, Pune 411 007. Phone : 020-2569 1414, 2560 4100 | Fax : +91-20-2560 4699 E-mail : root@iucaa.in Uniform Resource Locator : http://www.iucaa.in



अंतर-विश्वविद्यालय केंद्र : खगोलविज्ञान और खगोलभौतिकी

Inter-University Centre for Astronomy and Astrophysics An Autonomous Institution of the University Grants Commission

To Whomsoever It May Concern

We are pleased to announce that Ms. Jeesna M S

from Providence Womens College

has been selected to attend the virtual Introductory Summer School in Astronomy and Astrophysics that is being organised by IUCAA during May 10 - June 11, 2021.

Professor Dipanjan Mukherjee Faculty Coordinator, Introductory Summer School in Astronomy and Astrophysics

Mailing Address : IUCAA, Post Bag 4, Ganeshkhind, Pune 411 007, India. Location : Meghnad Saha Road, Savitribai Phule Pune University Campus, Pune 411 007. Phone : 020-2569 1414, 2560 4100 | Fax : +91-20-2560 4699 E-mail : root@iucaa.in Uniform Resource Locator : http://www.iucaa.in

IV) Encouraged to complete subject related online courses.

a) Arya Sudhakaran, III BSc Physics

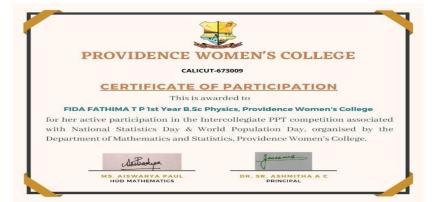


V) Encouraged to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

1. Ms. Nandini Madhu, II BSC Physics: All India intercollegiate Kahani Presentation



2. Ms.Fida Fathima T P, II BSC Physics: Intercollegiate PPT competition



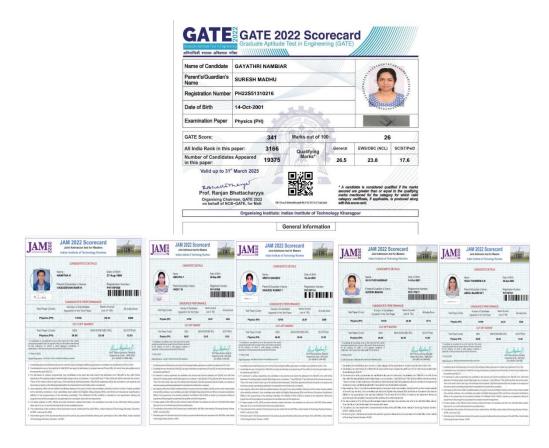




3. Geethu Krishna, II year Physics: Online National Science day programme participation



- VI) Guiding the students for GATE/Competitive Examinations.
 - GATE EXAM
 Gayathri Nambiar, III Physics
 - JAM EXAM
 NAMITHA K, III Physics
 AMRITHA T, III Physics
 SREYA SANJEEV, III Physics
 GAYATHRI NAMBIAR, III Physics
 HUDA THASNEEM, III Physics



VII) Interactive Session with Dr. Koshy George Research fellow faculty, University Observatory, Ludwig Maxmillian University, Germany, for advanced learners. on 10th August 2021

Interactive session with Dr. Parvathy Prem, Staff Scientist, Planetary Exploration Group, Johns Hopkins University on 27th July 2021.



VIII)CAREER COUNSELLING



On 13th January, 2020, Dept. of Physics, Providence Women's College organized a Career Guidance Talk and the different opportunities for the students.

IX) APT (Academy of Physics Teachers) TALENT SEARCH EXAM 2022

About 30 students of our department have registered for All Kerala Physics Talent Search Examination conducted on 2/1/2022 at our college which is a Regional Centre, with the center coordinator as Dr. Sini R.

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2 Hiba FathimaT	Freight train, Constants	2113122	1	R	a	1	1	a	This -
3. Krishnendhavk	21/03/2022 > Newton's first, second and third daw - Astronauts in space.	22/03/2022	a		1	1	a	1	-
	all in the line of any a maniference	23/03/2022	1	1	1	1	~	1	A.
4. Sanya Prasaelk	metion and gun 0-	28/03/2022	~)	1	1	1	10	AC .
5 sapta M.N	25/03/2022 => Work-energy Theorem-Conical	24 03 2022	1			1	a	1	
	i manuturi ,	25 03 2022	1		1		a	1	A.
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GROUP 5	Topics	Date	-	6	1	1	1	a	in
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2. Medha Sudhakan T	er es 2022 > Arkgaaling equation of motion in	21/3/22	a	-	^	È	È		21/2
	esinglesso - Sules - unran theorem - Connial	22/03/2022	100	-	È	-		1	
3. Fathima NesrinP	22/03/2012 > Work-energy theorem-tonical	23/03/2022				a	-	a	
t Northwester	28/03/2022 > Grave repethi- Applying nov.R.	23/03/2022	1.					-	-
4. Neesbora mehna M·P	Cherry Meonen C	24/03/2022	1.	È	-	-	-	1	
5. Tumailath !K	Water (2022 (N) = Work done by uniformin fore.	25/03/2022	\vdash	0			1	1	
5. Jumailath1K	24/03/2022 > Nou conscriptive forces- General law of conservators of -	25/03/2022	$\left \right\rangle$	a	1		1	1	F
5 Jyothika U	- The rest of the	28/03/2022	Ľ	1	~	0	~	>	(Area)
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D	23/3/20 → Cented force motion & law of equal (AN) areas.	23 03 2022	1		a	4	a \		H -
, uning the	24/3/22 -> Moment of inertie of some simple pendulume.	25 03 2022	1	1	1	~	-		*
	25/3/22 => The parallel axis theorem - (FN)	25/03/2022	\mathbf{i}	~	1	~	~	6	A
	25/3/22(AN) ⇒ Dynamics of pure	28 03 2022	a	1	1	1	~		Æ
	estation about an axis	28/03/2022		a	1	1	~		4
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adata S.	31/3/2122 -> Consceration of angular momentum	- profit							