



ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University

Re-accredited by NAAC (3rd Cycle) with B⁺⁺

King Koti Road, Hyderabad

Department of Computer Science

General Information

Type of the Activity	2 Days Event on Chandrayaan – 3 Launch
Title of the Activity	Find the Chandrayaan
Date	13 th and 14 th July 2023
Time	1:30 PM to 4:00 PM
Venue	Joseph's Hall
Collaboration/Sponsor(if any)	---
Url and other social media link(You tube, twitter and facebook)	

Speaker

Name	Mrs. Kiran Jyothi
Title/Position	Head, Assistant professor Department of computer science St. Joseph's Degree & PG College
Organization	Mission objectives of Chandrayan 3
Title of the presentation	

Name	Mr.M.Satyanarayana
Title/Position	Assistant professor Department of Mathematics St. Joseph's Degree & PG College
Organization	Changes and improvements of Chandrayan 3
Title of the presentation	

Name	Mrs. Sailaja Raj
Title/Position	Assistant professor Department of Computer Science St. Joseph's Degree & PG College
Organization	Technology in Chandrayan 3
Title of the presentation	

Participants Profile

Type of Participants	Students
No.of Participants	240

Synopsis of the Activity (Description)

Highlights of the Activity

- Illustrating the Purpose of Launch: Provide insights on Chandrayaan and the reasons for its launch. The technology used, and overcoming past failures.
- Progressive Quiz Elimination Challenge: The teams underwent comprehensive questioning comprising diverse subjects concerning science
- Exploration and Leads: Teams embarked on a quest to discover hidden hints around the college premises to secure qualification in the subsequent round
- Sharing Knowledge: Finalists were given the opportunity to showcase their knowledge on the Chandrayaan launch, its purpose and highlight key factors to previous failures.
- Watching it Live: The launch of the rocket holding Chandrayaan – 3, LMV3-M4 was seen live.

Key Takeaways

- Understanding the purpose of the launch.
- Gaining insights on the technology used.


Summary of the Event

Communication and Team-work: Work together as a team to discover answers to questions and face challenges together.

Information Exchange: Using presentation tools to showcase insights on Chandrayaan – 3 and previous satellites to compare technology and reiterate the purpose of the latest lunar mission launch.

Follow-up plan

Report prepared by:

Name of the Organiser	Mrs Lavanya Reddy Satti
Designation	Assistant Professor
Signature	



ST. JOSEPH'S
DEGREE & PG COLLEGE
HYDERABAD, INDIA.



DEPARTMENT OF COMPUTER SCIENCE

POWERBYTES CLUB



ORGANIZES

**FIND THE
CHANDRAYAAN**

ON THE LAUNCH OF CHANDRAYAAN - 3

VENUE : JOSEPH'S HALL

DATE : 13 & 14 JULY

TIME : 1:10 PM

STUDENT CO-ORDINATOR

ADNAN [9892173511]

JEET [9515379735]

SRINIVAS[9676599532]



ST. JOSEPH'S DEGREE & PG COLLEGE

15-16-2010, 2011, 2012, The Government Engineering College
K. J. Somayajulu, S. V. M. Road, Chaitanyam, H
K. J. Somayajulu, S. V. M. Road, Chaitanyam, H
K. J. Somayajulu, S. V. M. Road, Chaitanyam, H



Ref: SJDCS/11/07/2023

Date: 11/07/2023

Department of Computer Science Notice

It is hereby informed that the POWER BYTES CLUB of Department of Computer Science is organizing an event titled "FIND THE CHANDRAYAN" commemorating the launch of CHANDRAYAN-3 on 13 & 14 July, 2023 which consists of the following:

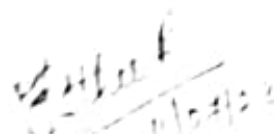
Day - 1: Elimination Round, Treasure Hunt and Assembling the parts


Day - 2: Telecast of the launch & Knowledge sharing

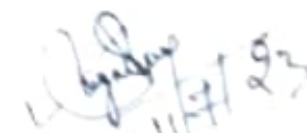
Interested students are asked to contact respective computer science course faculty and student coordinators to confirm your participation.

Kindly note the following:

1. It is mandatory to have 4 members in a team
2. Students can form a team from any stream
3. Certificates would be issued


Faculty Coordinator


HoD


Principal

Report on Find the Chandrayaan

Find the Chandrayaan event was conducted on 13th and 14th July, 2023 in the Joseph's Hall, main campus, St. Joseph's Degree & PG College. The Computer Science department of the college, along with the PowerBytes club conducted the event for students from all the streams.

Chandrayaan-3 is a follow-on mission to Chandrayaan-2 to demonstrate end-to-end capability in safe landing and roving on the lunar surface. It consists of Lander and Rover configuration. It was launched by LVM3 from SDSC SHAR, Sriharikota. The propulsion module will carry the lander and rover configuration till 100 km lunar orbit. The propulsion module has Spectro-polarimetry of Habitable Planet Earth (SHAPE) payload to study the spectral and Polari metric measurements of Earth from the lunar orbit.

Chandrayaan-3 consists of an indigenous Lander module (LM), Propulsion module (PM) and a Rover with an objective of developing and demonstrating new technologies required for Inter planetary missions. The Lander will have the capability to soft land at a specified lunar site and deploy the Rover which will carry out in-situ chemical analysis of the lunar surface during the course of its mobility. The Lander and the Rover have scientific payloads to carry out experiments on the lunar surface. The main function of PM is to carry the LM from launch vehicle injection till final lunar 100 km circular polar orbit and separate the LM from PM. Apart from this, the Propulsion Module also has one scientific payload as a value addition which will be operated post separation of Lander Module. The launcher identified for Chandrayaan-3 is GSLV-Mk3 which will place the integrated module in an Elliptic Parking Orbit (EPO) of size $\sim 170 \times 36500$ km.

Keywords: Safe landing, on-site experiments, rover operations

The PowerBytes club conducted the event "Find the Chandrayaan" to shed more light on the current ongoing in the science world, and the many advances that India has made in the field of space. The main objective of the event was to enable the students to understand the technology used in the Chandrayaan missions and the future endeavors of ISRO.

This participants in the event were enthusiastic and highly motivated to learn more about the current events happening in the field of science and ISRO.



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Ref: SJC/CS/11-07-2023/

Date: 11/07/2023

Department of Computer Science

List of Teams

S.No.	Roll No	Name	Class	Mobile Number	Signature
1	29	Dosari Rahim	BBA(IT)	736654034	Rahim
2	01	Zaynab Savari	BBA(Gen)	9963223882	Zaynab
3	50	Cajender Pasihon	BBA(BA)	9121884344	Cajender
4	04	Fajveercharan	BBA(IT)	9110793404	Fajveer
5	88	Abyan Saccena	B.Com(Com)	7670980778	Abyan
6	99	Jeet Mondal	B.Com(Com)	9831565254	Jeet
7	39	Qulood fatima	B.Com(IT)	8919561845	Qulood
8	34	Hazish Khurshid	B.Com(Com)	7386826320	Hazish
9	02	Ansh Mathur	B.Com(Gen)	7660962839	Ansh
10	42	Priyush Jain	B.Com(Hon)	8555924896	Priyush
11	19	Hemali Ghosh	B.Com(Hon)	7981108604	Hemali
12	34	V. Hemateja	B.Com(Gen)	7981280585	Hemateja
13	35	Naman Ararwal	BBA(Gen)	9969000319	Naman
14	36	Suryam	BB(Gen)	9949168755	Suryam
15	31	Rakshit	BBA(Gen)	7093723112	Rakshit
16	19	T. Bharath	BBA(Gen)	9390146572	Bharath



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1	12142340304	Keshav	B.Com P	9346681290	Keshav
2	121423403011	B. Nikhil	B. Comp P	8977527987	Nikhil
3	121423403019	Jai'ed	B. Comp P	8179535320	Jai'ed
4	121423403058	Akshay	B. Comp P	8247627126	Akshay
5	121423403077	Divya Gupta	B. Com Poff	904282276	Divya
6	121423403092	Sargun Singh	B. Com Poff	8328191058	Sargun
7	121423403099	Amit Singh	B. Com Poff	9030029095	Amit
8	121423403098	Harsh Upadhyay	B. Com Poff	7702765828	Harsh
9.	121422467009	Hanuman	BSC MCS	9030006145	vyas
10.	121422467017	Shivani Gupta	BSC MCS	9494035055	shivani
11.	121422467080	Gungun Agarwal	B. Com ^{II P} Comp.	7013674174	Gungun
12.	121422467025	Shani Chauhan	BSC MCS	9819650647	Shani
13	121422408049	Sanjama	BBA-IT	8106091972	Sanjama
14	121422408041	Daris	BBA-IT	6309874982	Daris
15	121423408013	Akanksha	BBA-IT	9347992920	Akanksha
16	121423408036	Præeti	BBA-IT	0125922199	Præeti
17	121421468006	G. Sowmya	B.Sc MPCs, 3A	9032737712	Sowmya
18	121421468020	Bhoomika Singh	B.Sc MPCs, 3A	9447440911	Bhoomika
19	121421474008	Melvin Joel	B.Sc MECs, 3A	9866409902	Melvin
20	121421474016	Richard Raj	B.Sc MECs, 3A	9393270110	Richard

21. Tsai Kiran	121421467038	BSc [MScs] 3 rd year	9849805359	Sai
22. Y. Anusha	121421467027	BSc [MScs] 5 th year	8179085259	Ans
23. Nikhil Kumar	121421467016	BSc [MScs] 3 rd year	6302502671	Nik
24. Rani Bafna	121421467030	BSc [MScs] 3 rd year	8688505818	Ri
25. M. Suhasa	121421467012	BSc [MScs] 3 rd year	9032982563	Shasa
26. A. Srivallika	121421467003	BSc [MScs] 3 rd year	7416703262	Shruti
28. V. Jyothi	121421467037	BSc [MScs] 3 rd year	7207049112	Jyothi
29. P. Nikhil Goud	121421467018	BSc [MScs] 3 rd year	8125719465	Nikhil
30. Ch. Sonika	121423403014	B.Com professional 1 st year	8309767863	Soni
31. K. Nallu	121423403027	B.Com professional 1 st year	8391418405	K. Nallu
32. Sai Prasad Thota	121423403041	B.Com Professional 1 st year	9349582475	Sai
33. Akshay	121423403036	B.Com professional 1 st year	7625952765	Akshay
34. Keerthi Pitti	121423403025	B.Com professional 1 st year	6302362740	Keerthi
35. K. Kusuma	121423403022	B.Com Professional 1 st year	7036162690	Kusuma
36. Megam Itel	121423403040	B.Com professional 1 st year	9542134488	Megam
37. Parameshwari	121422467023	BSc. MScs [11B] 2 nd year	7095745123	Parameshwari
38. K. Sowmya	121422467021	BSc. MScs (11B) 2 nd year	7989149714	Sowmya
39. Chameela	121422467003	BSc	7931257552	Chameela
Tinson Samiksha Samudra	121422467002	"	"	Tinson
	121423405015	B.com (IT) 1 st year	9160771208	Samiksha
			810679564	Samudra

Photos of the Activity:



Esther R

Convener

Mrs. Esther Ratna

KJR

HoD

Mrs. Kiran Jyothi

Anthony Sagaya Raja
3/8/23

Principal

Fr. Anthony Sagaya Raja



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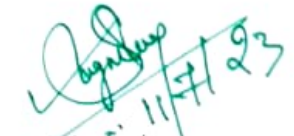
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