

Suprabha Trust

Ancient Indian Wisdom
& Cultural Sciences

SUPRABHA TRUST

Welcomes you to
Science | Spirituality | Culture



Festivals – Science
Culture – Science
Rituals – Science
Wisdom – Science
Spirituality – Science

@ Ravindra Bharati, Hyderabad.

On Sat 29 November 2025

on Energy Sciences in
our Indian Culture
from 2 PM – 6:30 PM

**Special Invite
for SIRC of ICAI
and its Members**



Religiously donate
for different
subjects

Register your Name by Calling:

Limited Seats *

Admission only with
Registration

Suprabha Trust

9/3 rt, Prakash Nagar, Begumpet, Hyderabad.

Tel : 98349446409, 8331976555

Email : suprabhaind@gmail.com, Facebook: [suprabhaind](https://www.facebook.com/suprabhaind)

linkedIn : [suprabhaind](https://www.linkedin.com/company/suprabhaind), Instagram: [suprabhaind](https://www.instagram.com/suprabhaind) , Youtube: suprabh Om

Suprabha Trust is exploring physics, Super physic and meta Physics
exploration of the Universe with different knowledge forms



Bhavan's Vivekananda College of Science, Humanities and Commerce
Sainikpuri, Secunderabad -500094
(Reaccredited with 'A' Grade by NAAC)
Autonomous College- Affiliated to Osmania University

Name of the event: Workshop on **Healing techniques using Energy-Science relation by Suprabha Trust**

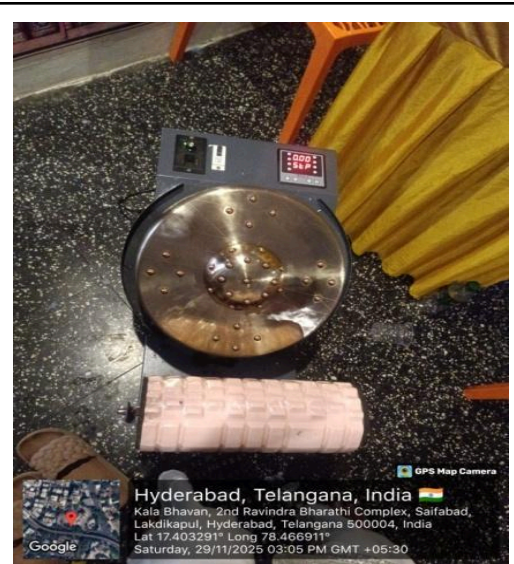
Date: **29-11-2025**

Nature of Beneficiaries: BSc MPCs II and III yr students

Number of Beneficiaries: 14

Healing techniques using Energy-Science relation - a one-day workshop organized by **Suprabha Trust** at Ravindra Bharati, Hyderabad on 29-11-2025, where 14 students of BSc MPCs II and III yr participated. The workshop focused on the revival of Vedic science rituals and cultural systems, aiming to provide a scientific interpretation of ancient Indian lifestyle practices. Organizers highlighted India's scientific heritage and cultural wisdom, and attempted to connect traditional practices with modern scientific perspectives.

An interactive exhibition showcased specialized equipment, including **Quantum Therapy Analyzers, Aura scanners, and Prism-Meditating compartments**. Students actively engaged with these technologies, exploring the mechanics behind ancestral practices such as meditation, detoxification, and the chanting of Beeja mantras. By experiencing these healing and scanning techniques firsthand, students gained a deeper appreciation for the intersection of ancient wisdom and contemporary science. The workshop concluded successfully, leaving the participants eager for future opportunities to explore India's scientific legacy.



**List of students participated in the event-Healing techniques using
Energy-Science relation by Suprabha Trust on 29-11-2025**

S.No.	Class	Roll No.	Name of the Student
1	B.Sc MPCs III yr	107222468051	K. SADANAND
2	B.Sc MPCs III yr	107223468002	AGNIGUNDALA VYSHNAVI
3	B.Sc MPCs II yr	107224468031	V. HEMALATHA
4	B.Sc MPCs II yr	107224468025	R. JAYASREE
5	B.Sc MPCs II yr	107224468037	MOHITH DIKHA
6	B.Sc MPCs II yr	107224468047	K. VENKATA RAJESH
7	B.Sc MPCs II yr	107224468004	TARUN RAJ YADAV
8	B.Sc MPCs II yr	107224468003	B. VISHWANATH
9	B.Sc MPCs II yr	107224468035	N. PREM KUMAR
10	B.Sc MPCs II yr	107224468048	K. HARISH KUMAR
11	B.Sc MPCs II yr	107224468011	M. SRI RAM
12	B.Sc MPCs II yr	107224468001	G. MAHESG DHANUSH
13	B.Sc MPCs II yr	107224468017	A.MANIRAM
14	B.Sc MPCs II yr	107224468050	K. SAI NATH

BHAVAN'S VIVEKANANDA COLLEGE

Department of Physics & Electronics

WORKSHOP REPORT: PCB DESIGNING

11th & 12th December 2025

The Department of Physics and Electronics, Bhavan's Vivekananda College organized a two-day Workshop on PCB Designing titled "Hands-on PCB Design: From Basics to Application".

Target Group: Students of B.Sc. MECs II yr & III yr.

Number of Students: 71

Venue: Room No. 52, IT Block.

Date: 11th & 12th December 2025

Time: 12:00 PM to 2:00 PM

Resource Person: Mr. Bipin S. Gondane, from Siddhartha Technologies & Services, Yaprul.

The objective of the workshop was to provide students with fundamental knowledge and practical exposure to Printed Circuit Board (PCB) designing, enabling them to understand circuit layout, component placement, and real-time applications of PCB technology. The programme aimed to bridge the gap between theoretical concepts and practical implementation, thereby enhancing students' technical skills and industry readiness.

The workshop was coordinated by Mrs. M. Prasanna, Head of the Department, along with faculty coordinator Dr. P. Lavanya. Mr. Bipin S. Gondane, with his expertise and hands-on approach, guided the participants through the basics of **PADS PCB Design Software Suite**, tools used for circuit development, and the step-by-step process involved in converting schematic diagrams into functional PCB layouts.

A total of 73 student participants from BSc MECs program actively attended the workshop. The sessions included interactive lectures, demonstrations, and practical exercises, which helped students gain clarity on PCB components, design software, and applications. The participants showed keen interest and enthusiasm throughout the programme, making the sessions highly engaging and productive.

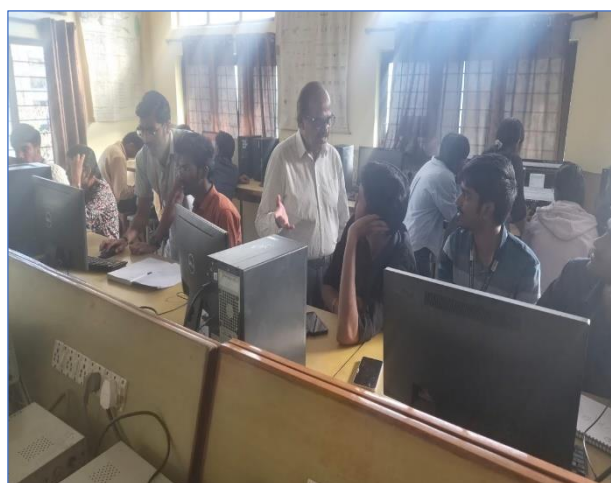
The Workshop on PCB Designing was a meaningful and enriching experience for the students, contributing significantly to their academic and professional development.



Workshop flyer



Guided session on PADS PCB software suite



Hands on training during the PCB workshop



Collaborative learning during workshop

Bhavan's Vivekananda College of Science Humanities & Commerce

Department of Physics & Electronics

Workshop on PCB Designing - 11th & 12th December 2025

List of Participants

S.N	Roll Number	Name	Program	Signature
1	107223474031	P. Sasidhar Yadav	BSC-MECS III	P. Sasi
2	107223474003	R. Arvind sairaj	BSC-MECS III	R. Arvind
3	107223474007	B. Nityanand	BSC-MECS III	B. Nitya
4	107223474034	S. Akhil	BSC-MECS III	S. Akhil
5	107223474014	G. Hemant	BSC-MECS III	G. Hemant
6	107223474067	R. Sharath	BSC-MECS III	R. Sharath
7	107223474027	M. Han Venkatesh	BSC-MECS III	M. Han Venkatesh
8	107223474020	K. Yeshwanth	BSC-MECS III	K. Yeshwanth
9	107223474011	D. Akash Yadav	BSC-MECS III	D. Akash
10	107223474033	S. Sreejith	BSC-MECS III	S. Sreejith
11	107223474023	K. Jithendra	BSC-MECS III	K. Jithendra
12	107223474021	K. Avinash	BSC-MECS III	K. Avinash
13	107223474048	Md. Ghouse	BSC-MECS III	Md. Ghouse
14	107223474049	Md. Sohail	BSC-MECS III	Md. Sohail
15	107223474055	Md. Abdul	BSC-MECS III	Md. Abdul
16	107223474065	G. Venu	BSC-MECS III	G. Venu
17	107223474019	K. Akhil	BSC-MECS III	K. Akhil
18	107223474012	G. Arjun	BSC-MECS III	G. Arjun
19	107223474033	S. Shashank	BSC-MECS III	S. Shashank
20	107223474038	U. Rahul Rathan	BSC-MECS III	U. Rahul Rathan
21	107223474024	M. Sai Vinay	BSC-MECS III	M. Sai Vinay
22	107223474051	Rahul kr. Sharma	BSC-MECS III	Rahul kr. Sharma
23	107223474045	C. ABHILASH	BSC-MECS III	C. ABHILASH
24	107223474009	Ch. Saikiran	BSC-MECS III	Ch. Saikiran
25	107223474018	R. S. Rishuvi	BSC-MECS III	R. S. Rishuvi

Bhavan's Vivekananda College of Science Humanities & Commerce

Department of Physics & Electronics

Workshop on PCB Designing - 11th & 12th December 2025

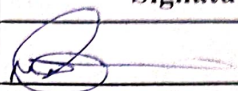
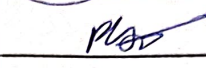
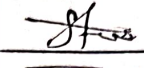
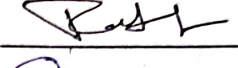
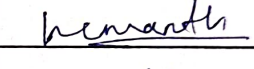
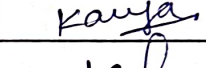
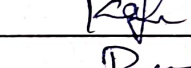
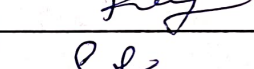
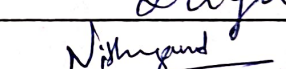
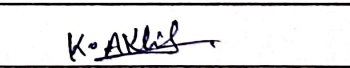
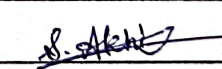
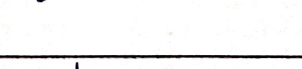
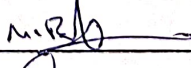
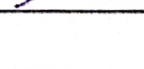
List of Participants

S.N	Roll Number	Name	Program	Signature
26	107224474045	M. Nivai	BSC (MECS) - 2A	<i>M. Nivai</i>
27	107223474035	Anish Soiraja	BSC (MECS) - 3A	<i>Anish</i>
28	107223474062	VARSHINI	BSC (MECS) - 3A	<i>Varshini</i>
29	107223474057	Kavya	BSC (MECS) - 3A	<i>Kavya</i>
30	107223474053	Sameena	BSC (MEC'S) - 3A	<i>Sameena</i>
31	107223474005	Pavan	BSC (MEC'S) - 3A	<i>Pavan</i>
32	107223474008	Vaun	BSC (MEC'S) - 3A	<i>Vaun</i>
33	107224474045	Venkat	BSC (MEC'S) - 2A	<i>Venkat</i>
34	107223474059	Aayushini	BSC (MEC'S) - 3A	<i>Aayushini</i>
35	107223474010	Sharanya	BSC (MEC'S) - 3A	<i>Sharanya</i>
36	107223474036	Sh. Sriya	BSC (MECS) 3A	<i>Sh. Sriya</i>
37	107223474017	Y. Kavya	BSC (MECS) 3A	<i>Y. Kavya</i>
38	107223474026	M. Kalyani	BSC (MECS) 3A	<i>M. Kalyani</i>
39	107224474046	P. Varshitha	BSC (MECS) 2A	<i>P. Varshitha</i>
40	107223474063	D. Shrinisha	BSC (MECS) 3A	<i>D. Shrinisha</i>
41	107223474056	B.H. Madhavi	BSC (MECS) 3A	<i>B.H. Madhavi</i>
42	107223474022	K. Susmitha	BSC MECS - 3A	<i>K. Susmitha</i>
43	107223474001	A. Ashwini	BSC MECS - 3A	<i>A. Ashwini</i>
44	107223474016	J. Keerthi	BSC MECS - 3A	<i>Keerthi</i>
45	107223474013	G. Harshitha	BSC MECS - 3A	<i>harshidha</i>
46	107224474030	Pranathi	BSC MECS - 2	<i>Pranathi</i>
47	107224474036	Rishika	BSC MECS - 2	<i>Rishika</i>
48	1072244740	Varshitha	BSC MECS - 2	Varshitha
49	107223474066	K. Bhavitha	BSC MECS - 3	<i>Bhavitha</i>
50	107223474043	A. Neha	BSC MECS - 3	<i>Neha</i>

Bhavan's Vivekananda College of Science Humanities & Commerce

**Department of Physics & Electronics
Workshop on PCB Designing - 11th & 12th December 2025**

List of Participants

S.N	Roll Number	Name	Program	Signature
51	107224474021	m. Bhonuprasad	Bsc(Mecs)	
52	107224474032	v. phanigraha	Bsc(mecs)	
53	107224474028	T. Srikanth	Bsc(mecs)	
54	107224474039	Ramalinga Reddy	Bsc Hfcs	
55	107224474041	Tejas	Bsc(Mecs)	
56				
57	107223474054	V. Chaitanya	BS(MECS)	
58	107223474014	G. Hemanth	BS(MECS)	
59	107223474017	Y. Kavya	BSC(MECS)	
60	107223474026	M. Kalyani	BSC(MECS)	
61	107223474006	B. Raju	BSC(MECS)	
62	107223474022	K. Sushmitha	BSC(MECS)	
63	107223474036	K. Snija	BSC(MECS)	
64	107223474007	B. Nithyanand	Bsc(MECS)	
65	107223474033	Shashank	BSC(MECS)	
66	107223474038	U. Rahul Rathan	B.Sc(MECS)	
67	107223474019	K. Akhil	B.Sc(MECS)	
68	107223474034	S. Akhil	B.Sc(MECS)	
69	107223			
70	107224474021	m. Bhonuprasad	B-sc(Mecs)	
71	41	Tejas	BSCCMECS)	
72	36	Rishika	B.SCCMECS)	
73	30	Pranathi	B.SCCMECS)	
74	28	Srikanth	B.Sc(MECS)	
75				

Report on Career Opportunities with M.Sc. Physics Programme

Name of the activity: Guest lecture on “Career Opportunities with M.Sc. Physics Programme”

Date and Time: 30-01-2026, 3.00pm to 4.00pm

Nature of Beneficiaries: BSc MPCs III yr students

No. of Beneficiaries: 31 students

The Department of Physics and Electronics organized a guest lecture on “Career Opportunities with M.Sc. Physics Programme” for B.Sc. MPCs III year students in collaboration with GITAM (Deemed to be University), Hyderabad on 30th January, 2026. The objective of the event was to create awareness among students about higher education opportunities and the facilities available for pursuing postgraduate studies in physics.

The resource person, Prof. T. Vishwam, Head, Department of Physics, School of Science, GITAM University, addressed the students on the scope and opportunities available after pursuing M.Sc. in Physics. Sir briefed on overview of the M.Sc. Physics curriculum, research opportunities, and the expertise of the faculty. He also highlighted the academic facilities available at the university, including well-equipped laboratories, library resources, hostel accommodation, and transportation facilities.

The speaker emphasized that GITAM University collaborates with reputed institutions such as IITs and the University of Hyderabad, providing students with exposure to quality research and academic excellence.

The session concluded with an interactive discussion, where students clarified their doubts regarding the programme and career prospects. Overall, the lecture was informative and beneficial for students planning their higher studies in physics.





**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,
HUMANITIES AND COMMERCE**

Autonomous college Affiliated to Osmania University
Reaccredited with 'A' Grade by NAAC

Dept. of Physics & Electronics

30/01/2026

**List of Participants for the Guest Lecture on
Career opportunities in MSc Physics**

S.No	Student Name	Roll Number	Signature
1	N. Lakshmi Sai Yashashwini	107223468018	
2	R. Sabithi Prasanna	107223468025	
3	K. Kirthana	107223468008	
4	Ch. Shrawya Chary	107223468004	
5	Y. Haashitha	107223468029	
6	P. Sai Vasuki	107223468023	
7	Sk. Hashmi	107223468039	
8	Ankitha Gouda	107223468030	
9	AKshitha V	107223468045	
10	A. Vajshnavi	107223468002	
11	K. Mytrajei	107223468011	
12	K. Nikitha	107223468010	
13	Keerthi	107223468021	
14	M. SRINIVAS	107223468013	
15	P. Jeyanth	107223468022	
16	N. Paridha Saradhi	107223468016	
17	Chinu Kumar	107223468001	
18	K. Balaji	107223468012	
19	K. Sadanand	107223468051	
20	K. SHYAM	107223468009	

S.No	Student Name	Roll Number	Signature
21	O. Mahender	107223468019	O. Mahender
22	Bahul Kumar Yadav	107223468024	Bahul
23	G. Mani Sandeep	107223468006	G. Mani
24	Sai Sagar	107223468014	Sai
25	V. Akhil	107223468018	V. Akhil
26	P. Sai Anand	107223468020	P. Sai
27	D. Karthik	107223468012	D. Karthik
28	Lakshmi Aditya	107223468041	Lakshmi
29	Krishi	107223468049	Krishi
30	Ambarish G	107223468046	Ambarish
31	Aron T Thomas	107223468031	Aron
32			
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Report on
Guest Lecture: "Financial Education for Young Citizens"

Name of the event: Guest Lecture: "Financial Education for Young Citizens"

Resource person: Dr. Kunal Gaurav, Professor of Marketing & Strategy at MIT-World Peace University, Pune.

Venue: Room No# 71 , Biochemistry Block

Date & Time : 29/12/2025 **Time:** 11:30 am

Nature of Beneficiaries: III B.Sc MPCs, MECs & II B.Sc MECs yr students

No. of Beneficiaries: 56

The Department of Physics & Electronics at Bhavan's Vivekananda College of Science, Humanities & Commerce, Sainikpuri, Secunderabad, organized a guest lecture on *Financial Education for Young Citizens* for B.Sc. second year MECs, final-year MPCs and MECs students on December 29, 2025. The session was conducted from 12:00 PM to 1:00 PM in Room No. 71 of the Biochemistry Block.

The resource person, **Dr. Kunal Gaurav**, Professor of Marketing & Strategy at MIT-World Peace University, Pune, and Faculty/Mentor at SSBM, Geneva, delivered an engaging lecture on the importance of financial literacy and smart financial planning. A distinguished academician, MBA Gold Medalist, and SEBI-certified Securities Market Trainer, Dr. Gaurav drew from SEBI's Financial Education Booklet to explain savings versus investments, time value of money, inflation, compounding, rupee cost averaging, and diversification. He emphasized adopting SMART financial goals and highlighted the three pillars of investment—safety, liquidity, and return.

Dr. Gaurav, who has trained over 5,000 professors and guided 10,000+ management graduates globally, enriched the session with his expertise in Strategic & Digital Marketing, Brand Management, and Consumer Behavior. His lecture equipped students with practical knowledge to manage personal finances and prepare for financial independence.

The department sincerely thanks the Principal and College Management for their constant encouragement and guidance, which made this initiative successful and ensured students gain holistic education beyond the classroom.





Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE **of Science, Humanities & Commerce**

Sainikpuri, Secunderabad, Telangana - 500094

Autonomous College, Affiliated to O.U.

Reaccredited with 'A' grade by NAAC

DEPARTMENT OF PHYSICS & ELECTRONICS **Organizes**

Guest Lecture **on**

FINANCIAL EDUCATION FOR YOUNG CITIZENS

- Start Smart Financial Planning



Dr Kunal Gaurav

Professor - Marketing & Strategy
School of Business
World Peace University
Pune

For more details contact:

Mrs M Prasanna

Head, Dept. Physics & Electronics

Mr T Prasad

Asst.Professor in Electronics

Mr T Prasad

Asst.Professor in Electronics



Date & Time:

29/12/2025 & 11:30 AM



Venue:

Biochemistry Block Room No 71



Bharatiya Vidya
Bhavan

**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,
HUMANITIES AND COMMERCE**

Autonomous college Affiliated to Osmania University

Reaccredited with 'A' Grade by NAAC

Dept. of Physics & Electronics

29/12/2025

**List of Participants for the Guest Lecture on Awareness on Financial
management**

S.No	Student Name	Roll Number	Signature
1	K. Arinash	107223474021	K. Arinash
2	S. Akhil	107223474034	S. Akhil
3	K. Jithendra Sarma	107223474023	(R)
4	G. Uday Sai	107223468003	Cum
5	O. Mahender	107223468019	TEA
6	K. Akhil	107223474019	K. Akhil
7	G. Venu	107223474065	Prof.
8	J. Keerthi	107223474016	Keerthi
9	G. Harshitha	107223474013	Harshitha
10	R. Sahithi Prasana	107223468025	Sahithi
11	Ch. Shravya	107223468004	Ch. Shrawya
12	N. Vashashwini	107223468018	Vashashwini
13	D. Shrinisha	107223474063	D. Shrinisha
14	C. Shasanya	107223474010	Shasanya
15	N. Ayushbri	107223474059	Ayush
16	G. Mani Sandeep	107223468006	Sandeep
17	Jayanth	107223468022	Jayanth
18	Sai ragav	107223468014	Sai
19	D. Karthik	107223468042	D. Karthik
20	Aardhi Karthik	107223468010	Aardhi

In
29/12/2025

[illegible]



Bharatiya Vidya
Bhavan

**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,
HUMANITIES AND COMMERCE**

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Reaccredited with 'A' Grade by NAAC

Dept. of Physics & Electronics

29/12/2025

List of Participants for the Guest Lecture on Financial Education for
Young Citizens at 11.30am

SIN o	Student Name	Complete Roll Number	Signature
1	Chiru Kumar	107223468001	
2	Bahul Kumar yadav	107223468024	
3	K. Balaji	107223468012	
4	M. Hari Venkatesh	107223474027	
5	V. Chaitanya	107223474054	
6	B. Raju.	107223474006	
7	D. Harish	107223474061	
8	R. Sharath Chandra	107223474067	
9	Hemanth	107223474014	
10	Anish	107223474035	
11	Ch. Sai Kiran	107223474009	
12	Lalith	107223474047	
13	H.S. Rishu	107223474018	
14	Anil	107223474039	
15	G. Arjun	107223474012	
16	Mohammed Sahil	107223474071	
17	K. Yeshwanth	107223474020	
18	B. Varun	107223474008	
19	B. Pavan Kumar	107223474005	
20			

In
29/12/2025



**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,
HUMANITIES AND COMMERCE**

Autonomous college Affiliated to Osmania University
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Dept. of Physics & Electronics

29/12/2025

List of Participants for the Guest Lecture on Financial Education for
Young Citizens at 11.30am

SIN o	Student Name	Complete Roll Number	Signature
1	Mohd. Ghous haji ali shaik	107223474048	
2	P. Suresh	107223474032	
3	Mohd. Ashraf shaik	107223474044	
4	G. Aravush	107224474001	
5	G. Ashwin	107224474001	
6	S. Vikanth	107224474028	
7	R. Arvind sai raj	107223474003	
8	Sai shashank	107223474033	
9			
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29/12/2025



Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES AND COMMERCE, SAINIKPURI, SECUNDERABAD
AN AUTONOMOUS COLLEGE, AFFILIATED TO O.U.
REACCREDITED WITH 'A' GRADE BY NAAC



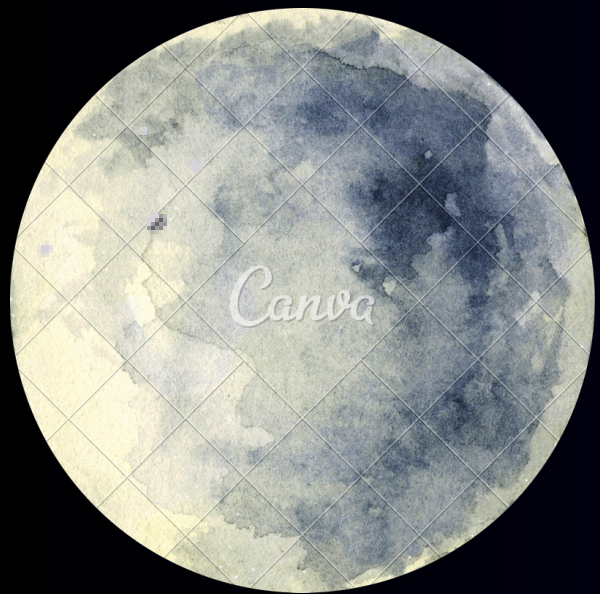
Department of Physics and Electronics

**&
Vyoma**

The Bhavan's Astronomy club

ARE ORGANISING

NIGHT SKY OBSERVATIONS



On 06th December, 2025
TIMING : 6:30 PM Onwards
VENUE : FOOTBALL GROUND



Head Of The Dept
Mrs. M. Prasanna

Faculty Coordinators
Dr. V.R. Manjula
Mrs. T. Sai Santoshi

Report on Night Sky observations

The Department of Physics & Electronics and **Vyoma** the Bhavan's Astronomy club has organized **Night Sky Celestial observational session** as a part of the Valued added course on "**Astronomy & Astrophysics**" on 6th December 2025 in collaboration with **ASTRO**. The objects for observation included **Saturn** with its rings and **Titan** its moon; South Pole **Lunar crater**; **Jupiter** with its bands and **Galilean Moons**

Event Name:	Night Sky Celestial observations
Target Group:	All interested students and faculty of the college and its Sister concerns
Number of students:	68
Number of beneficiaries:	134
Resource Persons:	Mr. Ravi Raja P, Founder, ASTRO: The Astronomical Society for Training, Research and Outreach, Science Educator Research Scholar & Volunteers of ASTRO
Organizers:	Department of Physics and Electronics and Vyoma, the Bhavan's Astronomy club
Venue:	MBA Block roof top
Date:	06/12/2025
Timings:	6:30 to 8:30 pm

The event started off a bit late due cloudy weather but soon the crowd got to see the lunar crater. The volunteers of **ASTRO** came up with two telescopes. One 6 inch and a 12-inch telescope with appropriate filters. The crowd was divided into two and made to watch the Lunar Crater in of the telescopes and Saturn with its rings and moon on the other. Later on the same 12-inch telescope the students and faculty along with their kids and family could watch the Jupiter and its bands and the Galilean moons. All the beneficiaries enjoyed the evening with a festive atmosphere prevailing everywhere in the background of pitch dark sky



FACULTY FORM



Bhavan

faculty

DATE: 06/12/2025



SNO	NAME	DEPARTMENT	SIGNATURE
01	M. Latimma	1	
1.	Sreeba	Languages	S. S. S. S.
2.	Sneethina	Languages	S. S. S. S.
3.	Prasad		
4.	Dr. S. Ramana	Computer Science	Ramana
5.	S. Ananthi	"Family"	Ananthi
6.	S. Ashwadh	"Family"	S. Ashwadh
7.	S. Archana	"Family"	Archana
8.	Dr. M. V. S. Mahindra	MBA	M. V. S. Mahindra
9.	M. V. S. Jyothirmay	"Family"	Jyothi
10.	M. V. S. Sahasra	"Family"	Sahasra
11.	Jalaj Kumar Pandey	C.S	
12.	Vishnu		
13.	Sanvi		
14.	Srinika		
15.	Shiven		
16.	Jaydeep		
17.	Jay Vaedhan		
18.	Dhanush		
19.	Anmol		
20.	Beauty Pandey (wife)		
21.	Bharya		
22.	↓ Mother (Manju)		
23.	Jaydeep's friend		
24.	Dr. V. R. Mangala	Physics & Electronics	V. R. Mangala
25.	Mrs T. Sai. Santoshi	Physics & Electronics	T. Sai. Santoshi
26.	Mr. R. Rama Krishna		R. Rama Krishna
27.	Dr. Chakravarthy	MBA	
28.	Lavanya ↓	Electronics	
29.	Prahalatha (son)		
30.	G. S. V. R. Choudary	Physics	
31.	Br. Rajini	Mathematics & Statistics	Rajini

S.NO	NAME	DEPARTMENT	SIGNATURE
32	Naveen. (Rajini Ma'am)		
33	Dr. Niraimathi		
34	M.V.R. Manjula	Physics & Electronics	
35	K. Radha Vinod. Family		
36	Srinivasa .p	Computer Science .	
37	Srinivas.	computer science	
38	Sathwika (Srinivas Sr)	" "	
39	M. Prasarana	Phy & Elec .	
40	Jayanthi	family	
41	Shawathi		
42	Mytragei mgithreyi		
43	Nandhana	family	
44	N. Sharon Rosy	Comp. Sci	
45	P. Anil Kumar		
46	N. Mary Susanna	family.	
47	P. JOYCEE SRESHTA AMARIS		
48	P. Jasper Arishai		
49	Mr. Radha Vinod	Rtd. Ex. GM , ONGC.	

SCHOOL FORM



Bharatiya Vidya
Bhavan



FACULTY

DATE: 06/12/2025

S.NO	NAME	CLASS	SIGNATURE
01	Fatima.	Primary	<i>[Signature]</i>
02	Dinysri	Primary	<i>Dinysri</i>
03	Soumya.M	Secondary	<i>[Signature]</i>
04	M.Afrin Begum	Secondary (10th)	<i>Afrin</i>
05	Prakashitha	9th	<i>K. Annu</i>
06	Bhuvaneshwari	10th	<i>Bhavana</i>
07	Pavan Kaethik	7th	
08	Ramesh. (Father)	7th	
09	Rudraansh	6th	
10	Hemanshu	5th	
	<i>[Signature]</i>		



FACULTY FORM

DATE: _____

S.NO	NAME	DEPARTMENT	SIGNATURE
1.	Briva Sreeba	Languages	
2.	Swathina	Languages.	
3.	Prasad		
4.	Dr. S. Ramana + 3.	Computer science	
5.	Dr. M. V. S. Mahindra ⁺²	MBA / Exam.	
6.	⁺³ Talaj Kumar Pandey	C.S.	
7.	Dr.		
8.	Mrs. T. Sai Santoshi	Physics & Elec.	
	Dr. Chakravarthy	MBA	

STUDENT FORM



Bharatiya Vidya
Bhavan



DATE: 06/12/2025

S.NO	NAME	ROLL NO	SECTION	SIGNATURE
01	Ambarish . G	107223468046	B.SC MPC 3A	<u>Ambarish</u>
02	N.L.S. Yashashwini	107223468018	B.SC MPC 3A	<u>Yashashwini</u>
03	G. Mani Sandeep	107223468006	B.SC MPC 3A	<u>Mani Sandeep</u>
04	A Sini	10722546003	B.SC HDS 2	
05	Harshithe	107224514018	MSC 2	
06	Kushal Kumar	107225504022	"MSCI"	
07	Pawani	03	MSC 1	
08	Bhumika	13	" "	
09	Subhash	04	" "	
10	Kruthika	107223543005	BTGL 3	
11	Keerthi Raj	33	" 3	<u>Keerthi</u>
12	Baby Sathana	107223684098	BBA 3B	<u>Sathana</u>
13	Nandhini	107223407068	B.Com H.	<u>Nandhini</u>
14	Ganima	107223459025	B.Sc MGL	<u>Ganima</u>
15	M. M. Tirumala	family		<u>M. M. Tirumala</u>
16	G. Himma Vyshnavi	107224487004	B-SC BTMC	<u>Himma</u>
17	Radika . G	family		<u>Radika</u>
18	Braful	107224573039	B-SC BTGL 2	<u>Braful</u>
19	Hariharan	family	B-SC MSC 3A	
20	Yashwanth	107220407089	B. Com H.	<u>Yashwanth</u>
21	Abhiram	107220407073	B. Com H.	<u>Abhiram</u>
22	Sreehidha	10722407114	B. Com 2H 2	<u>Sreehidha</u>
23	Bhavana	10722 family		<u>Bhavana</u>
24	Asritha	107224487023	B-SC BTMC	<u>Asritha</u>
25	Jaganeshwar	107223468031	B-SC MPC	<u>Jaganeshwar</u>
26	Sai Naga Teja	107223468043	B-SC MPC	<u>Sai Naga Teja</u>
27	RISHAB JAIN	107225407001	B.Com (H)	<u>Rishab</u>

[Signature]

STUDENT FORM



Bharatiya Vidya
Bhavan



DATE: _____

S.NO	NAME	ROLL NO	SECTION	SIGNATURE
1.	Gowri Priya	140625072121	MBA - IB	Gaf
2.	Chandana	107224467099	BSC-MSC	Bhoomika Sonali Shilpa
3.	Bhoomika	107225467064	MSCS-IB	
4.	Sonali	107224861083	BCA - 2B	
5.	Sowmya	107224861054	BCA - 2B	
7.	Satya Nivedh	107223459006	MGC-3	
8.	T. Akshitha	107225684043	BBA - 1A	B. C.
9.	G. Sheetal	107225684011	BBA - 1A	
10.	K. Divya	107225684024	BBA - 1A	
11.	K. Abhigna	107225861022	BCA - 1A	
12.	Rajini	107225408010	M.COM	
13.	Jayadrita	107225573015	B.SC BTGC-1	
14.	V. Vyshnavi	1072256522007	B.SC BC-NBC	
15.	Sai Keesthana	107225468048	B.SC MPCs	
16.	Keesthana	107225468050	B.SC MPCs	
17.	Rishika	107225468037	B.SC MPCs.	
18.	S. Gowtham Goud	10722547403	B.SC MECS	G. Shikha
19.	Pranay	107225468031	B.SC MPCs	
20.	Rajdeep	1072250405516	M.Sc	
21.	Shashank	1072250405502	M.Sc.	
22.	Vishesh Kumar	107225861090	BCA - IB	
23.	- Racky mardin	friend.		
23.	Geethika	107224487014	BSC-BTMC-2	
	Mokshith (brother)			
24.	BH. Madhavi	107223474056	BSC-MECS.	
25.	Mahalaxmi	107224573012	BSC-BTGC.	
26.	Shruthi Reddy	107223688019	BBA - honors-3rd	Anant
27.	Vinay	107225684020	BBA - honors-1A	
28.	Sai Ananth Redd	107223468020	BSC-MPCS.	Anant
29.	Prashanthi	107224546012	BSC-HDS.	
30.	Architha Kumari Sia.	107224468032	BSC-MPCU-II	Architha
31.	S. Laxmi Priya	107224468028	BSC-MPCU-II	
32.	G. Eshika	107224468051	II	G. Eshika

S.NO	NAME	ROLLNO	SECTION	SIGNATURE
33.	Mohith	107224468037	BSC-MPLS	
34.	Dhanush	107224468030	BSC-MPLS	
35	M. Rama (Eshika M)	Family	Bs MPLS	M. Rama
36.	Vyshnavi	107224546050	BSc HDS 2A	
37	Amarnath (father	Family	" "	
38)	Shruthi	107223668019	BBA - H - 3A	
39.	Rishab jayanth	107225407001	B.Com 1H1	
40.	Marcus Nishath Marcus' frnd	107224861050	BGA - 2A	
41				
	<u>Signature</u>			

Report on Guest Lecture

Career Guidance on Civil Service Preparation

Date: 22nd December 2025

Nature of the Beneficiaries: BSc MPCs and MECs Iyr students

No of beneficiaries: 37

Resource Person: Mr. Bhibhudendhu Das, Assistant Professor, Department of Mass Communication, Faculty of Arts.

A guest lecture on “*Career Guidance for Civil Service Preparation (Group-I & Group-II Examinations)*” was conducted on 22nd December 2025 at Room No. 208, MBA Block. The session was organized to provide students with valuable insights into the preparation strategies and opportunities in civil services.

The resource person for the session was **Mr. Bibhudhendu Das**, a highly qualified academician with degrees including B.A (H), M.A, M.Phil, LL.B, M.B.A, UGC-NET, and currently pursuing a Ph.D. His diverse academic background and expertise made the session highly informative and engaging.

The lecture began with an overview of the Civil Services Examination conducted by the Union Public Service Commission (UPSC) and State Public Service Commissions. The speaker elaborated on various prestigious posts such as IAS, IFS, IPS, Indian Revenue Service, and other Group ‘A’ services. Mr. Das provided a detailed explanation of the examination pattern, covering the three stages: Preliminary Examination, Main Examination, and Interview. He discussed the structure of Prelims (GS-I and CSAT), the descriptive nature of the Mains examination, and the significance of the personality test.

The session also focused on the syllabus for both Prelims and Mains, highlighting key areas such as current affairs, Indian polity, history, geography, economy, ethics, and optional subjects. Students were introduced to the marking scheme, duration, and importance of consistent preparation. Emphasis was laid on essential skills required for success in civil services, including analytical writing, decision-making, leadership, communication skills, and emotional intelligence. The speaker also shared practical preparation strategies, encouraging students to start early, maintain consistency, and build strong conceptual understanding.

Additionally, Mr. Das discussed alternative career options and backup plans such as State PSC exams, Forest Services, regulatory bodies like RBI, SEBI, NABARD, higher education, and private sector opportunities.

The session concluded with motivational insights, emphasizing that students from science backgrounds can excel in civil services and contribute meaningfully to society. Overall, the guest lecture was highly beneficial and provided students with clear direction, motivation, and a structured approach towards civil service preparation.



Guest Lecture on Preparation for Competitive Examinations

List of Participants

Date: 22-12-2025

S.No.	Name of the Student	Roll Number	Programme	Signature
1.	A. Mahesh	107225468001	MPCS I	A. Mahesh
2.	B. Pallavi	107225468003	MPCS I	Pallavi
3.	B. Rakshitha	107225468005	MPCS I	Rakshitha
4.	D. Renuka	107225468007	MPCS I	Rnt
5.	Nithish Reddy	107225468011	MPCS I	or. Nithish
6.	Sai Charan Tej	107225468014	MPCS - I	K. set
7.	Sai Harini	107225468018	MPCS I	k. set
8.	R. Pushpa	107225468024	MPCS I	R. Pushpa
9.	S. Revathi	107225468025	MPCS - I	S. Revathi
10.	T. Pranay	107225468031	MPCS I	PRANAY
11.	Viswanath	107225468035	MPCS I	vis
12.	K. Rishika	107225468037	MPCS - I	Rishika
13.	P. Praneeth	107225468038	MPCS - I	Praneeth
14.	D. Rajesh	107225468045	MPCS I	D. Rajesh
15.	E. Ram Charan	107225468046	MPCS - I	Ram
16.	J. Abhishek	107225468047	MPCS - I	Abhishek
17.	Sai Keerthana	107225468048	MPCS - I	Ke.
18.	T. Keerthana	107225468050	MPCS - I	T. Keerthana
19.	B. Kruthika	107225474002	MECS - I	B. Kruthika
20.	B. Pravalika	107225474003	MECS - I	B. Pravalika
21.	C. Sruthi	107225474005	MECS - I	C. Sruthi

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Report on Student Learning & Development Programme (SLDP)

The **Department of Physics and Electronics**, in association with ILM Science Academy and Brihat Engineering, Science and Technological (BEST) Society – Science Sector, jointly organized a **Student Learning & Development Programme (SLDP)** at ILM Science Academy, Narayanguda, Hyderabad, on **11-02-2026**. Eight students of B.Sc. MPCs I Year participated in the programme, accompanied by Dr. T. Sai Santoshi, faculty member from the Department of Physics & Electronics.

The objective of this event was to provide both theoretical insights and practical exposure to advanced topics in electronics and solid-state physics.

The first session began with a lecture on “Evolution of Electronics” delivered by Dr. C. Sivaraman, President of BEST Society and Retired Principal of Pragati Maha Vidyalaya. The lecture focused on the historical development of electronics, from vacuum tubes to modern semiconductor devices and integrated circuits (ICs). He explained how advancements in electronics have transformed the communication, computing, and automation industries. The session provided students with a clear conceptual understanding of the growth and significance of electronic technologies.

The second session was handled by T. Sanjay, Secretary of BEST Society and Senior Research Engineer at Pentagram Technologies. He emphasized the fundamentals of Energy Band Theory and its applications. Further, he demonstrated computational analysis using Scilab software to illustrate band structures and related concepts. The session was interactive and provided practical exposure to the concepts, thereby enhancing the students’ analytical skills.



Lecture on “Evolution of Electronics” by
Dr. C. Sivaraman



Demonstration using Scilab software by
Mr. T. Sanjay



Student Learning & Development Programme (SLDP)

Date: 11-02-2026

List of students participated

S.No.	Class	Roll No.	Name of the Student
1	B.Sc MPCs Iyr	107225468007	D. Renuka
2	B.Sc MPCs Iyr	107225468016	K. Spoorthi
3	B.Sc MPCs Iyr	107225468018	K. Sai Harini
4	B.Sc MPCs Iyr	107225468024	R. Pushpa
5	B.Sc MPCs Iyr	107225468025	S. Revathi
6	B.Sc MPCs Iyr	107225468033	V. Sahan
7	B.Sc MPCs Iyr	107225468035	G.J.S.R. Vishwanath
8	B.Sc MPCs Iyr	107225468042	T. Deepa Kumari
9	B.Sc MPCs Iyr	107225468048	P. Sai Keerthana

Student Learning & Development Programme (SLDP)

For Brihat Student Members

Jointly Organized by

ILM Science Academy

And

**Brihat Engineering, Science and Technological
(BEST) Society - Science Sector**

on

11-February (Wednesday), 2026

Programme Schedule (BSc-MPCs-Iyr): 10:00 am to 1:30 pm

10:00 AM to 10:15 AM: Attendance, Introduction & Context Setting

10:15 AM to 11:15 AM:

Session-1: “Evolution of Electronics”

Dr. C. Sivaraman

President , BEST Society

Retd. Principal Pragati Maha Vidyalaya

11:15 AM to 11:30 AM: “BREAK”

11.30 AM to 1.30 PM:

Session-2 : “Energy Band Theory with Scilab Computations”

Mr. T.Sanjay

MSc (HCU), MS (IIT-KGP), UGC-NET (PhD)

Secretary, BEST Society

Sr. Research Engineer -Pentagram Technologies,

**Venue: ILM Science Academy, Lane Besides HP Petrol bunk, besides
Narayanguda Metro Station, Pillar No: 1173, Hyderabad.**

Contact Person: T. Sanjay (Brihat): 9705212689.

Note: Interested Teachers are invited to attend the programme.

Instructions to student members:

- All students will have to carry notebooks/Laptops and stationery material to note down the theory and record their observations of experiments.
- All students must maintain discipline.
- Students must be present at the program venue in time.
- Students may carry their lunch and ensure that they eat at the designated place and time.
- Mobile phones must be in silent mode at all times.

REPORT ON GUEST LECTURE

Name of the activity: Guest lecture on “Vāk, Mudrā and Dhvani: Communication Systems of Early Human Civilization”

Date: 11-1-26

Nature of Beneficiaries: BSc MECs II yr students

No. of Beneficiaries: 42 students

A guest lecture on “Vāk, Mudrā and Dhvani: Communication Systems of Early Human Civilization” was delivered by **Dr. K. Meena Rani, Assistant Professor in Sanskrit.**

The speaker highlighted that communication is the foundation of human civilization and explained various ancient methods such as speech, gestures, writing, and sound signals. She discussed oral traditions like storytelling and the Guru–Shishya system, along with examples from the Vedas and epics. The evolution of written communication, including scripts like Brahmi and Kharosthi, and the use of symbolic and non-verbal communication were also explained.

The lecture emphasized the role of these systems in preserving culture, transmitting knowledge, and maintaining social values. The session was informative and provided valuable insights into early communication practices.

Mrs M. Prasanna





Bhavan's Vivekananda College of Science, Humanities and Commerce
Sainikpuri, Secunderabad -500094
(Reaccredited with 'A' Grade by NAAC)
Autonomous College- Affiliated to Osmania University

Report

Guest lecture on “Acharya Pingala-Number system”

Name of the activity: Guest lecture on “Acharya Pingala-Number system”

Date and Time: 19-02-2026, 12.00noon to 1.00pm

Nature of Beneficiaries: BSc MPCs III yr students

No. of Beneficiaries: 42 students

The Department of Physics & Electronics organized a guest lecture on “Acharya Pingala-Number system” as a core component of Indian Knowledge System (IKS) for BSc MPCs III yr students on 19-02-2026. Dr. K. Meena Rani, Assistant Professor, Department of Languages was the resource person for this event.

The primary objective of the event was to introduce students to the ancient Indian foundations of discrete mathematics and to demonstrate how early linguistic studies in India paved the way for modern algorithmic logic and computational science.

The lecture focused on the ***Chandaḥśāstra***, an ancient text on Sanskrit prosody that contains the earliest known descriptions of binary arithmetic and combinatorics. Dr. Meena Rani explained how Acharya Pingala utilized two units—**Guru** (long syllable) and **Laghu** (short syllable)—to define poetic meters, effectively creating a structural equivalent to the binary numeral system (0 and 1) used in modern computing. Furthermore, the session detailed the **Prastara** algorithm, a systematic method for generating all possible permutations of syllables.

This interactive session allowed students to bridge the gap between ancient linguistic structures and modern mathematics, fostering a deeper appreciation for the historical sophistication of the Indian Knowledge System.





Bhavan's Vivekananda College of Science, Humanities and Commerce
Sainikpuri, Secunderabad -500094
(Reaccredited with 'A' Grade by NAAC)
Autonomous College- Affiliated to Osmania University

Guest lecture on Acharya Pingala- Number system 19-02-26

List of participants

S.No	Roll Number	Student Name
1	107222468051	KOTHAPALLI SADANAND
2	107223468001	ADDULA CHIRU KUMAR REDDY
3	107223468002	AGNIGUNDALA VYSHNAVI
4	107223468003	CHAMBAGARI UDAY SAI
5	107223468004	CHOPPADANDI SHRAVYA
6	107223468006	GOUDA MANI SANDEEP
7	107223468007	GUNTI SANDHYA
8	107223468008	K KIRTHANA
9	107223468011	KONDURU MYTRAYEI
10	107223468013	MAHANTHWAR SRINIVAS
11	107223468016	NANDURI PARDHA SARADHI
12	107223468017	NATHI SRAVANTHI GOUD
13	107223468018	N LAKSHMI SAI YASHASHWINI
14	107223468020	PALADUGU SAI ANAND REDDY
15	107223468021	PANNALA KEERTHI REDDY
16	107223468022	PIDISHETTY JAYANTH
17	107223468023	PULI SAI VASUKI
18	107223468024	RAHUL KUMAR YADAV
19	107223468028	VARADAM AKHIL
20	107223468031	ARON T THOMAS
21	107223468033	EKTA KUMARI
22	107223468034	MADDALI SRI JNANESWARI
23	107223468036	SAROJ KUMAR

24	107223468037	SHRUTI THAPAK
25	107223468038	SIKHA KUMARI SHARMA
26	107223468039	SK HASHMI
27	107223468040	ARDHI KARTEEK
28	107223468041	B LALIT ADHITYA
29	107223468044	THAKUR ANISHA
30	107223468045	VARAGANTI AKSHITHA
31	107223468046	AMBARISH G
32	107223468048	GEETA KAVYA
33	107223468049	KRISHI VARDHAN BANALA
34	107223468010	KODTHIWADA NIKITHA
35	107223468012	KOYILAPU BALAJI
36	107223468014	MAROUTHU SAI SAGAR
37	107223468019	ONTEDDU MAHENDER
38	107223468025	RAKELA SAHITHI PRASANA
39	107223468050	SHAIK SHAHEEDA BAANU
40	107223468005	GOLI RANJITH KUMAR
41	107223468009	KANGULE SHYAM DIGAMBAR
42	107223468030	ANKITHA GOUDA

Report on Educational visit to GITAM (Deemed to be University)

As part of an academic enrichment initiative, a total of 61 students of [B.Sc](#) MPCs and MECs IIIyr from Bhavan's Vivekananda College visited GITAM (Deemed to be University), Hyderabad campus on 20th February 2026 for an academic lecture and laboratory exposure programme.

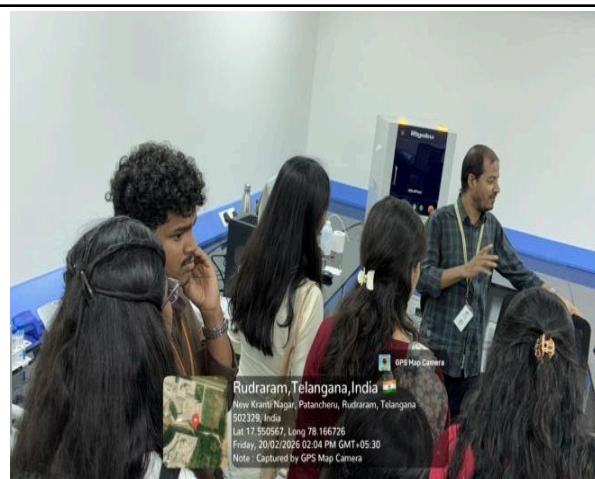
The visit was organized to commemorate the birth anniversary of Shanti Swarup Bhatnagar, a distinguished pioneer of scientific research in India. On this occasion, an insightful and inspiring lecture was delivered by Professor G. Narahari Shastri, IIT-Hyderabad, during his lecture Prof. Narahari highlighted the importance of scientific excellence, innovation, research culture, and the development of industry-relevant skills among students. The session was highly informative and interactive, addressing various career-oriented queries related to higher education, research prospects, and interdisciplinary opportunities.

The primary objective of the visit was to provide students with practical exposure beyond conventional classroom learning. Students had an opportunity to visit the advanced Material Characterization Tools Laboratories. During this session, students were introduced to sophisticated research instruments such as X-ray Diffractometer, Four Probe set up, FTIR spectrophotometer and were briefed on their applications in Physics, chemistry, life sciences, and nanotechnology research. This exposure enabled students to gain a deeper understanding of contemporary research methodologies and helped bridge the gap between theoretical concepts and practical scientific applications.

Overall, the educational visit proved to be highly beneficial and enriching. It enhanced students' awareness of modern research infrastructure, innovation-driven learning, and emerging career opportunities in science and technology. The programme significantly contributed to broadening their academic perspective and motivating them towards research-oriented careers.



Visit to MURTI labs



Students at X-Ray Diffractometer



Students at advanced Research laboratory



Inspiring Lecture by Prof. G. Narahari Sastry, IIT-Hyd





Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES AND COMMERCE
(Reaccredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University

Visit to Educational Institute

List of participants

S.No.	Class	Roll No	Name of the student	Signature
C				
01	B.Sc MPCs	107223468001	Chiru Kumar	Chiru
02		02	A. Vyshnavi	A. Vyshnavi
03		03	C. Uday Sai	C. Uday Sai
04		04	Ch. Shrivya	Ch. Shrivya
05		107223468005	G. Ranjith	G. Ranjith
06		06	Mani Sandeep	Mani Sandeep
07		07	G. Sandhya	G. Sandhya
08		08	Kirthana . K	Kirthana . K
09		09	K. Nikitha Shyam	K. Nikitha Shyam
10		10	K. Nikitha . K	K. Nikitha . K
11		11	Mytravei	Mytravei
12		12	K. Balaji	K. Balaji
13		13	M. Srinivas	M. Srinivas
14		14	Sai Sagar . M	Sai Sagar . M
15		15	Keerthi Reddy	Keerthi Reddy
16		16	N. Pandaa Saradhi	N. Pandaa Saradhi
17		17	N. Sravathi	N. Sravathi
18		18	N. L. S. Yashadwini	N. L. S. Yashadwini
19		19	O. Mahender	O. Mahender

20	B.Sc MPS	107223468020	Sai Anand Reddy	Anul
21			Jayanth	Jayanth
22			Sadarand. K	Sadarand
23			Rahul Kumar Yadav	Rahul
24			Sahithi Prasanna	Prasanna
25			S. Harsha Vardhan	S. Harsha
26			V. Akhil	Akhil
27			Y. Harshit	Harshit
28			Ankitha	Ankitha
29			Aaron Thomas	Aaron
30			Saroj	Saroj
31	Bsc MPS	107223468033	Eka kumari	Eka
32			Jnaneshwari	Jnaneshwari
33				
34	B		Shruthi thapake	Shruthi
35			Sikha kumari sharma	Sikha
36			Harshmi	Harshmi
37			Kaateek. R.D	R.D Kaateek
38				
39			Kaathik. D	D Kaathik
40	Bsc MPS	107223468044	Anisha. Thakur	Anisha
			Akshitha. V	Akshitha
			Ambarish	Ambarish
			G. Kavya	Kavya
			Krishi vardhan	Krishi
			Saheeda Bannu	Saheeda

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BHAVAN'S VIVEKANANDA COLLEGE
Department of Physics & Electronics
OUTREACH PROGRAMME REPORT

Date: 06/02/2026

Venue: ZPHS, Malkajgiri

Target Group: High School Students (Classes IX & X)

Coordinator: Dr. P. Lavanya

Head of the Department: Mrs. M. Prasanna

The Department of Physics & Electronics, organized a Science Outreach Programme at Zilla Parishad High School, Malkajgiri, on 6th February 2026 as part of its annual academic activity. The outreach programme was coordinated by Dr. P. Lavanya.

The programme was designed to promote scientific curiosity and practical understanding of fundamental concepts in Physics and Chemistry. The experiments were explained clearly and interactively by 18 students from B.Sc. MPCS & MECS Programs. The session included both visual presentations and hands-on experimental demonstrations. College students explained scientific principles in a simple and understandable manner, ensuring active engagement of school students.

The high school students actively participated and showed keen interest in understanding the concepts through practical demonstrations. The programme successfully promoted scientific awareness and experiential learning among the students.



Faculty and students of Bhavan's Vivekananda College with school students during Outreach Program at ZPHS, Malkajgiri.



Experimental demonstration on the working principle of the Carey Foster Bridge



Experimental demonstration on the concepts of volume resonator



Experimental demonstrations double displacement reaction and fake blood



Experimental demonstration of Melde's experiment
 free fall, translatory motion, and rotatory motion

BHAVAN'S VIVEKANANDA COLLEGE

Department of Physics & Electronics

Report: National Science Day 2026

The Department of Physics & Electronics, Bhavan's Vivekananda College organized **National Science Day 2026 Academic Fest** on **27th February 2026** to commemorate National Science Day and to promote scientific awareness, creativity, and analytical thinking among students.

Venue: Room No 28 & 34 IT Block

Date: 27th February 2026

Target Group: Undergraduate Students

Theme: National Science Day 2026

National Science Day was celebrated by the Department of Physics and Electronics to encourage students to learn scientific concepts beyond the classroom and enhance their knowledge, critical thinking, and communication skills. The event provided a platform for students to showcase their creativity, scientific understanding, and innovative ideas through various competitions and activities, while promoting awareness of the importance of science and its role in everyday life.

As part of the celebrations, the department conducted two academic competitions, Poster Presentation Competition & Crossword Puzzle Solving Competition. Students presented innovative posters based on the National Science Day 2026 theme. The participants creatively illustrated scientific concepts, technological advancements, and emerging research trends through informative and visually appealing posters. A Total of 65 students participated in poster and crossword puzzle competition. The activity encouraged students to research contemporary scientific issues and effectively communicate their ideas.

The science-based crossword puzzle competition tested student's knowledge of scientific terminology, discoveries, inventions, and concepts from various branches of science.

The programme enhanced students' academic knowledge, encouraged innovation and creativity, and strengthened their appreciation for the role of science in societal development.



Students presenting posters on the National Science Day theme



Students presenting posters on the National Science Day theme



Participants solving science-based crossword puzzles

BHAVAN'S VIVEKANANDA COLLEGE

Department of Physics & Electronics

A report on Guest Lecture

organized by NSIC Technical Services Centre Hyderabad, in association with Dept. of Physics & Electronics on 01/09/2025

Target Group: II B.Sc. MPCs & MECs

Number of students: 58

Title: **Entrepreneurship Awareness Programme**

Resource Person: Mr T Muthukumaran, Certified Energy Auditor,
Deputy Manager (NSIC), Hyderabad.

Coordinators: Ms. Prasanna, Head, Dept. of Physics and Electronics;

Mr. VLNH Prasad Thutupalli, Assistant Prof., Dept. of Physics & Electronics

Venue: Room No 71, Biochemistry Block

Date: 01/09/2025 Time : 1:30pm

The Department of Physics & Electronics, in collaboration with the NSIC Technical Services Centre, Hyderabad, organized a guest lecture on the “Entrepreneurship Awareness Programme” on 1st September 2025. The event was coordinated by Ms. M. Prasanna, Head of the Department, and Mr. T. Prasad, Assistant Professor. The speaker, Mr. T. Muthukumaran, explained why entrepreneurship is important in today’s economy, stressed the value of innovation, and shared details about the schemes and support NSIC provides to help young entrepreneurs.

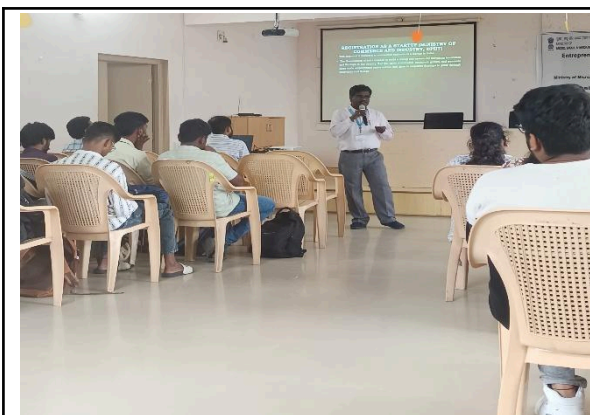
During the lecture, students learned about the process of registering a startup with the Ministry of Commerce and Industry (DPIIT), the need to choose the right business structure, and the various forms of support available in marketing, credit, technology, and other areas. The session was interactive, with students actively participating and asking questions. By the end, they gained practical knowledge on how technical skills can be applied to sustainable business ideas and how government support can help them build startups. Overall, the programme gave students a clear understanding of entrepreneurship and highlighted its relevance to their academic learning and future careers.



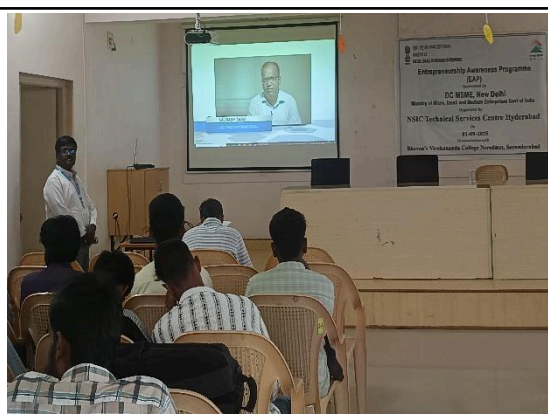
Group photo of students and faculty during the *Entrepreneurship Awareness Programme*



Mr. T. Muthukumaran interacting with a student after the lecture.



Mr. T. Muthukumaran Delivering a lecture on how to register a startup to the students



Small Video giving the information about NSIC being played by Mr. T.Muthukumaran



सूक्ष्म, लघु और मध्म उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL & MEDIUM
ENTERPRISES



Bhavan's
Vivekananda College



एन सी आई सी
NSIC

Entrepreneurship Awareness Programme (EAP)

Sponsored by
DC MSME, New Delhi
Ministry of Micro, Small and Medium Enterprises Govt of India

Organized by
NSIC Technical Services Centre Hyderabad
In association with
BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce
Sainikpuri, Secunderabad, Telangana - 500094

DEPARTMENT OF PHYSICS & ELECTRONICS



Mr T Muthukumaran
Certified Energy Auditor
Deputy Manager (NSIC),
Hyderabad.

[For Registration](#)
[Click Here](#)

For more details contact:

Mrs M Prasanna
Head, Dept. Physics & Electronics

 **Date & Time:**
01/09/2025 & 01:30 PM

Mr T Prasad
Asst.Professor in Electronics

 **Venue:**
**BioChemistry Block
Room No 71**

List of Participants:



BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE

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Dept. of Physics & Electronics

01/09/2025

List of Participants for the Guest Lecture on Entrepreneurship Awareness
Programme on 01-09-2025 at 2:30pm, in Room No 71A Biochemistry.

SlNo	Student Name	Complete Roll Number	Signature
1	V. Hemalatha	107224468031	Hemalatha
2	Archita	107224468032	Archita
3	P. Ramya	107224468024	Ramya
4	Tarun Raj Yadav	107224468004	Tarun
5	Arun	107224468029	Arun
6	Kushal Jaigesh	107224468020	Kushal
7	M. Bhargav Prasad	107224468021	Bhargav
8	P. Abhishek Kumar	107224468025	Abhishek
9	M. Virek	107224468024	Virek
10	D. Harish (MECS - III)	107223474061	Harish
11	S. Suresh (MECS - III)	107223474032	Suresh
12	Gautam Sharma		
13	Nikhil	107224468097	Nikhil
14	C. Shyam	107224468012	Shyam
15	Tejas	107224468041	Tejas
16	Phaniraj	107224468032	Phaniraj
17	C. M. Phaneesh	107224468011	Phaneesh
18	P. Sainath	107224468017	Sainath
19	M. Srikanth	107224468043	Srikanth
20			

Atty



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Dept. of Physics & Electronics

01/09/2025

List of Participants for the Guest Lecture on Entrepreneurship Awareness
Programme on 01-09-2025 at 2:30pm, in Room No 71A Biochemistry.

SINo	Student Name	Complete Roll Number	Signature
1	V. Sri Harini	107224474031	
2	B. Bala Pratyanka Siree	107224474033	
3	V. Pranathi	107224474030	
4	B. Manika	107224474005	
5	M. Shreya	107224474037	
6	K. Devika	107224474077	
7	K. Rishika	107224474026	
8	A. Nikhita	107224468021	
9	E. Sahithi	107224468007	
10	G. Geethika	107224468012	
11	M. Swetha	107224468019	
12	Swetha	107224468014	
13	Varsha	107224468008	
14	Divya	107224468007	
15	Uma	107224468046	
16	R. Yuktha	107224474026	
17	D. RAMYA	107224474007	
18	Rodpa	107224474048	
19	M. Bhavani	107224474020	
20	P. Varsha	107224474046	



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Dept. of Physics & Electronics

01/09/2025

List of Participants for the Guest Lecture on Entrepreneurship Awareness
Programme on 01-09-2025 at 2:30pm, in Room No 71A Biochemistry.

SINo	Student Name	Complete Roll Number	Signature
1	K. Hanishwan Reddy	107224474015	
2	G. Chandra Sekhar Reddy	107224474010	
3	B. Varun	107224474008	
4	C.H. Sai Kiran	107224474009	
5	M.S. Rishuik	107224474018	
6	T. Dhayshank	107224468044	
7	Kankat Rajesh	107224468047	
8	Abdul Gani	107224468038	
9	Sourav Sharma	107224474040	
10	Gautam Sharma	107224474035	
11	B. Avinash	107224474080	
12	Chandrich	107224474044	
13	Niraj	107224474042	
14	K. Hanish Kumar	107224468035	
15	J. clavan Jett	107224468012	
16	N. Prun-kumar	107224468050	
17	M. Abdul gani	107224468028	
18	N. Navekanth	107224468049	
19	G. Sri Prajan	107224468010	
20	K. Avinash Reddy	107224474002	

Report on Value Added Course on **Weather Fore Casting**

The Department of Physics and Electronics has organized a Value Added Course on “**Weather Forecasting**” in collaboration with Indian Meteorological Department (IMD), Hyderabad. The course provides the necessary skills and information to identify the key elements of weather forecasting.

Target Group:	Registered Students of Value Added Course
Number of students:	36
Organizer:	Department of Physics and Electronics
Venue:	Room No 34, IT Block

The Value Added Course was started on January 2nd 2025 with Dr. V. R. Manjula and Mrs. T. Sai Santhoshi as in-house faculty. Prior permission was obtained from IMD to conduct exchange programmes such as field visits and extension lectures. The classes were scheduled twice a week over a period of two months. In addition, students visited IMD to gain technical expertise. The Course was scheduled to be continued during August and September 2025 due to academic break. The Department of Physics and Electronics has organized a Lecture Series as a part of Value Added Course on **Weather Forecasting** from 1st September to 4th September 2025 in collaboration with Indian Meteorological Department (IMD), Hyderabad.

A couple of lecture sessions were conducted each day by the Technical experts and Scientists from MET centre, Hyderabad during 1st to 3rd September 2025. All the registered students of value added Course visited MET Centre on 4th day for a Hands-on Session and field visit to RADAR Centre and Advance Forecasting Instrumentation centre and Advance computing systems etc. In all the Course created awareness about climatic changes, its impacts on society and mitigation strategies to counteract and expose the students to forecasting tools and meteorological instruments used, and the data analysis on weather related data.

Schedule of Lecture Series

SCHEDULE OF LECTURES		
DATE	PERIOD 1	PERIOD 2
01.09.2025	Shri. K. S. SRIDHAR: Introduction to atmosphere: Elementary idea of atmosphere: physical structure and composition; compositional layering of the atmosphere; variation of pressure and temperature with height; air temperature; requirements to measure air temperature; temperature sensors: types; atmospheric pressure: its measurement; cyclones and anti cyclones: its characteristics	Shri. GNRS SRINIVASA RAO Basics of weather forecasting: Weather forecasting: analysis and its historical background; need of measuring weather; types of weather forecasting; weather forecasting methods; criteria of choosing weather station; basics of choosing site and exposure; satellites observations in weather forecasting; weather maps; uncertainty and predictability; probability forecasts.
02.09.2025	Dr. K. NAGARATNA Measuring the weather: Wind; forces acting to produce wind; wind speed direction: units, its direction; measuring wind speed and direction; clouds and rainfall radiation: absorption, emission and scattering in atmosphere; radiation laws.	Dr. A. SRAVANI Weather systems: Global wind systems; air masses and fronts: classifications; jet streams; local thunderstorms; tropical cyclones: classification; tornadoes; hurricanes.
03.09.2025	Dr. A. DHARMA RAJU Climate and Climate Change: Climate, its classification; causes of climate change; global warming and its outcomes; air pollution; aerosols, ozone depletion, acid rain, environmental issues related to climate.	Shri. K. S. SRIDHAR 2. Processing and analysis of weather data: (a) To calculate the sunniest time of the year. (b) To study the variation of rainfall amount and intensity by wind direction. (c) To observe the sunniest/driest day of the week. (d) To examine the maximum and minimum temperature throughout the year. (e) To evaluate the relative humidity of the day. (f) To examine the rainfall amount month wise.
04.09.2025	DR. K. NAGARATNA 3. Exercises in chart reading: Plotting of constant pressure charts, surfaces charts, upper wind charts and its analysis. 4. Formats and elements in different types of weather forecasts/ warning (both aviation and non-aviation)	

Day 1:

Target Group: Students of B. Sc MPCs III yr & II yr and MSCs III yr
Number of students: 57
Organizer: Mrs V.R. Manjula, Department of Physics and Electronics
Venue: Room No 51A, IT Block
Date: 01/09/2025 **Time:** 2:30 pm to 4:30 pm
Guest speaker 1: Shri. K. S. SRIDHAR, Meteorologist, Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad
Title: Fundamentals of Meteorology, Introduction to atmosphere

Guest speaker 2: Shri. GNRS Srinivasa Rao, Meteorologist, Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad
Title: Basics of weather forecasting

Day 2:

Target Group: Students of B. Sc MPCs III yr & II yr
Number of students: 25
Venue: Room No 51A, IT Block
Date: 02/09/2025 **Time:** 2:30 pm to 4:00 pm
Guest speaker 1: Dr. A. SRAVANI, Scientist 'E', Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad
Title: Weather Systems and measurement

Day 3:

Target Group: Registered Students of Value Added Course on Weather Fore Casting

Number of students: 18

Venue: Room No 51A, IT Block

Date: 03/09/2025 **Time:** 2:30 pm to 4:30 pm

Guest speaker 1: Dr. A. Dharma Raju, Scientist 'D', Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad

Title: Climate and Climate Change

Guest speaker 2: Shri. K. S. SRIDHAR, Meteorologist, Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad

Title: Processing and analysis of weather data

Day 4: Field Visit to IMD

Target Group: Registered Students of Value Added Course on Weather Fore Casting

Number of students: 24

Venue: MET Centre, Hyderabad

Date: 04/09/2025 **Time:** 10:00 pm to 2:00 pm

Session 1: Hands-on session

Resource Person: Dr. K. Dharma Raju, Scientist 'D', Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad.

Theme: Synoptic charts and their interpretation

Session 2: Lecture session

Resource Person: Dr. K. Naga Ratna, Scientist 'F', Head, Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad.

Title: Weather monitoring and forecasting services

Session 3: Lecture session and field visit to Doppler Weather Radar

Resource Person: Shri. K. S. SRIDHAR, Meteorologist, Indian Meteorology Department, Ministry of Earth Sciences, MET Centre, Hyderabad

Title: Radiation and Climatology

The four-day Lecture Series successfully blended theoretical knowledge with practical exposure, offering students a holistic understanding of meteorology, weather forecasting, and climate science. The sessions not only enhanced academic knowledge but also highlighted the critical role of weather forecasting in disaster preparedness, agriculture, aviation, and climate resilience. The field visit to IMD further enriched the experience, making the program an informative and impactful learning opportunity for all participants.

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SAINIKPURI, SECUNDERABAD - 500094
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LECTURE SERIES AS A PART OF
**VALUE ADDED COURSE ON
WEATHER FORECASTING**
1st - 4th SEPTEMBER, 2025

ORGANIZED BY
THE DEPARTMENT OF PHYSICS AND ELECTRONICS
IN COLLABORATION WITH
METEOROLOGICAL CENTRE, HYDERABAD

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The Department of Physics and Electronics
in collaboration with
Meteorological Centre, Hyderabad
IS ORGANISING A
LECTURE SERIES

1st - 4th SEPTEMBER

SCHEDULE OF LECTURES		
DATE	PERIOD 1	PERIOD 2
01.09.2025	Shri.K.S.SRIDHAR	Shri.GNRS SRINIVASA RAO
02.09.2025	Dr. K.NAGARATNA	Dr.A.SRAVANI
03.09.2025	Dr. A.DHARMA RAJU	Shri. K.S.SRIDHAR
04.09.2025	DR.K.NAGARATNA	

More Information

Faculty coordinator
Dr. V.R. Manjula
[+91 9676499011]

Student Coordinator
YASHASHWINI [+91 7207494993]
AMBARISH [+91 7337466610]



Sep 4, 2025 11:12:47
Begumpet Hyderabad Telangana



Sep 4, 2025 12:59:51
Begumpet Hyderabad Telangana



List of participants for Lecture series as a part of value added course on Weather Forecasting

Sr. No	Name	Roll Number	Class/Program
1	Kothapalli Sadanand	107222468051	Bsc MPCs2
2	Agnigundala vyshnavi	107223468002	Bsc.mpcs 2A
3	C.udaysai	107223468003	Bscmpcs
4	Ch.Shravya	107223468004	Bsc(Mpcs)2
5	MANI SANDEEP	107223468006	B.Sc(MPCs)2A
6	K Shyam	107223468009	Bsc Mpcs 2
7	Kodthiwada Nikitha	107223468010	Bsc(MPCS)2
8	M.srinivas	107223468013	Bsc mpc's 2
9	M.saisagar	107223468014	Bsc(MPCS)2
10	N pardhasaradhi	107223468016	Bsc mpcs 2
11	P.Sai Anand Reddy	107223468020	BSC MPCs 2
12	P. Jayanth	107223468022	Bsc mpcs2
13	Sahithi prasana	107223468025	BSC(mpcs) 2
14	Survi Harsha Vardhan	107223468027	Bsc (MPCS)2
15	Varadam akhil	107223468028	Bsc mpcs2
16	Aron T Thomas	107223468031	BSC MPCs2
17	Ashish Kumar	107223468032	Bsc MPCs-2
18	Ekta kumari	107223468033	Bsc MPCS 2
19	Sikha kumari sharma	107223468038	BSC MPCs 2
20	Sk Hashmi	107223468039	Bsc mpcs 2A
21	Darna karthik	107223468042	Bsc mpcs 2
22	Varaganti Akshitha	107223468045	B.Sc MPCs 2
23	AMBARISH G	107223468046	BSC MPCS 2
24	Krishi Vardhan Banala	107223468049	Bsc Mpcs22
25	C Bhargavi reddy	107224468006	Bsc(mpcs)1st year
26	D. Varsha	107224468008	Bsc (mpcs)
27	Sahithi Goud	107224468009	BSC MPCS
28	G Sri Prajan	107224468010	Bsc MPCS
29	Geethika	107224468012	B.sc(MPCs)
30	J. SRITHA	107224468014	Bsc. Mpcs
31	Meduri Sowmya	107224468018	Bsc. MPCs1
32	Nimmala Sushmitha	107224468022	Bsc mpcs
33	R jayasree	107224468025	BSC MPCS 1st year
34	Singam Laxmi priya	107224468028	BSC-MPCs1
35	V Dhanush	107224468030	BSC(mpcs)1
36	Mohith Dika	107224468037	B.Sc(MPCs)1

Bhavan's Vivekananda College of Science Humanities & Commerce
Department of Physics & Electronics

Report on
Value Added Course Conducted at NSIC , Kushaiguda.

Name of the Activity: Value Added Course at NSIC, Kushaiguda.

Date and Time: 5th June 2025 to 19th June 2025 from 9:30am to 12:30pm.

Beneficiaries: .20 students from IIB.Sc. MPCs and 19 students from IIB.Sc. MECs

Organized by: Department of Physics & Electronics, BVC in collaboration with
NSIC, Hyderabad.

The Department of Physics and Electronics, in collaboration with the National Small Industries Corporation (NSIC), organized a value-added course from 5th June 2025 to 19th June 2025, aimed at enhancing students' practical knowledge in electronics and programming. Students were introduced to Tinkercad for circuit simulation and design, and the instructor demonstrated the construction and working of circuits during the sessions. Arduino boards, sensors, and other components were supplied to the participants, enabling them to gain hands-on exposure. The course covered the fundamentals of programming, including the implementation of loops, interfacing of sensors, and storing data in the cloud. Simple project ideas were also presented to help students connect theoretical concepts with practical applications, and doubts were clarified promptly to ensure effective learning.

A total of 39 students, comprising 20 from IIB.Sc. MPCs and IIB.Sc.19 from MECs streams, participated in the program. At the conclusion of the course, NSIC conducted a simple test to assess the students' understanding, and certificates were issued to all successful participants. The feedback from the students was overwhelmingly positive, with many appreciating the clarity of instruction, the practical exposure, and the opportunity to work with real components and cloud-based applications. The department acknowledges with gratitude the support of the Head of the Department of Physics and Electronics and extends sincere thanks to the NSIC instructors for their dedicated efforts. Overall, the course was a

useful learning experience that helped students gain important skills for their studies and future careers.

List of students :

SINo	Student Name	Roll Number	Class
1	Adapa Maniram	107224468001	MPCs
2	Ananthula Manohar	107224468002	MPCs
3	Bandi Viswanath	107224468003	MPCs
4	Cheguri Divyasree	107224468007	MPCs
5	Durgamanik Varsha Naidu	107224468008	MPCs
6	Eedulakanti Sahithi	107224468009	MPCs
7	G Sri Prajan	107224468010	MPCs
8	Jella Charanjeet	107224468013	MPCs
9	J Sritha	107224468014	MPCs
10	K.Sai Kiran	107224468015	MPCs
11	Moriganti Swetha	107224468019	MPCs
12	Sanneganti Naga Lakshmi	107224468026	MPCs
13	V Dhanush	107224468030	MPCs
14	Vadde Hemalatha	107224468031	MPCs
15	Archita Kumari Sia	107224468032	MPCs
16	Kakonda Harish Kumar	107224468035	MPCs
17	Aleti Uma Lalitha	107224468046	MPCs
18	Madanu Sriram	107224468048	MPCs
19	Nagoju Navakanth	107224468049	MPCs
20	Nanda Prem Kumar	107224468050	MPCs

21	Kanreddy Avinash Reddy	107224474002	MECs
22	Mounika B	107224474005	MECs
23	Chatla Rakesh	107224474006	MECs
24	Golipalli Chandra Shekhar Reddy	107224474010	MECs
25	Gorrey Aarush	107224474011	MECs
26	Gujja Shyam	107224474012	MECs
27	Jeedipally Vikas Reddy	107224474013	MECs
28	Kanreddy Harishwar Reddy	107224474015	MECs
29	K.Devika	107224474017	MECs
30	Mudigonda Bhanuprasad	107224474021	MECs
31	Mustipally Vivek Yadav	107224474024	MECs
32	Yuktha Reddy	107224474026	MECs
33	Sheshadri Pranish Vardhan	107224474027	MECs
34	Saurav Sharma	107224474040	MECs
35	Voshmitha	107224474043	MECs
36	Chandrish Mekala	107224474044	MECs
37	Gundrathi Venkat Goud	107224474045	MECs
38	Pallakonda Prashanth	107224474049	MECs
39	Ankarla Praneeth	107224474051	MECs



**Students attending an evaluation session during their Value added course at
NSIC**



Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce
Sainikpuri, Secunderabad, Telangana - 500094
Autonomous College, Affiliated to O.U.
Accredited with 'A' Grade by NAAC



Rank 151 - 200

DEVICE USAGE SURVEY

From clicks to carbon

Conducted by -

Department of Physics & Electronics

in association with IQAC

Explore how your
everyday tech choices
impact the planet



discover the hidden cost of your
digital habits, Scan to find out

**Your digital habits -
from device use to streaming and
charging, directly shape your
carbon footprint and energy
impact**



Coordinators

Mrs M Prasanna
HOD Physics & Electronics

Mr TVLNH Prasad
Asst. Professor in Electronics

BHAVAN'S VIVEKANANDA COLLEGE
Department of Physics & Electronics
SDG REPORT: ENVIRONMENTAL SUSTAINABILITY & CLIMATE ACTION
18th – 19th September 2025

The Department of Physics & Electronics organized an environmental sustainability activity titled “Device Usage Survey” on 18th and 19th September 2025, focusing on energy, waste, and resource efficiency. The initiative was aligned with the Digital Personal Data Protection Act (2023), the National Education Policy (NEP 2020), SDG 9 (Industry, Innovation & Infrastructure), and the sustainability expectations of NAAC. Coordinated by Mrs. M. Prasanna and Mr. T. Prasad, ten student volunteers from B.Sc. MECs III were trained in survey objectives, ethical data collection, and communication protocols. Using Zoho Forms, Canva flyers, and Copilot-assisted questionnaires, they visited various academic departments to collect responses from faculty and students. Flyers with QR codes were distributed, and all responses were compiled digitally in Google Sheets for review and policy development.

The survey revealed several important findings.

- People use devices for almost the whole day.
- Many keep devices on sleep mode instead of turning them off.
- Power-saving options like auto sleep and dimming are not used regularly.
- Energy-efficient devices are not common.
- Most depend on electricity from the grid.
- Fast charging is chosen more than normal charging.
- Daily and yearly CO₂ emissions are very high.
- Emissions are much more than what trees can absorb.

From these findings, four key inferences can be drawn.

- Using devices all the time increases energy use and pollution.
- Energy-saving habits are not followed well, so awareness is needed.
- Depending on grid power and fast charging reduces sustainability.
- Carbon emissions are too high, so big steps like green buildings and eco-friendly campuses are required.

Overall, the activity enhanced sustainability awareness, digital literacy, and responsible device usage among students and faculty, while providing valuable insights for infrastructure planning and energy efficiency. The enthusiastic participation of students across departments reflected the college's strong commitment to advancing sustainability goals, and we sincerely thank the Principal and the Management for their encouragement, guidance, and continuous support in facilitating this initiative.

Mrs. M. Prasanna

Mr. T. Prasad



Flyer



Briefing the students



Survey at Commerce Department, BVC



Survey at Biochemistry Department, BVC



Survey at Languages Department, BVC



Survey at Computer Science Department, BVC

BHAVAN'S VIVEKANANDA COLLEGE

Department of Physics & Electronics

Report: Guest Lecture on e-waste Management

The Department of Physics and Electronics, Bhavan's Vivekananda College organized a Guest Lecture on **"e-waste Management"** on 09th January 2026.

Target Group: 75 Students of B.Sc. MECS & MPCS

Venue: 51A, IT Block

Date: 09th January 2026

Time: 1:00 PM to 2:00 PM

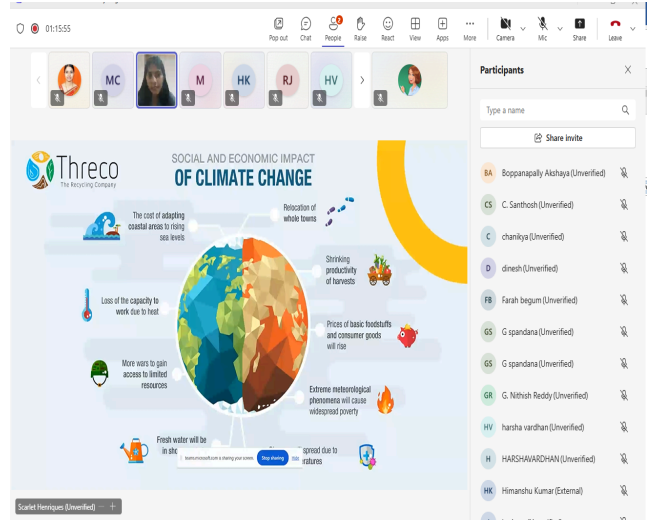
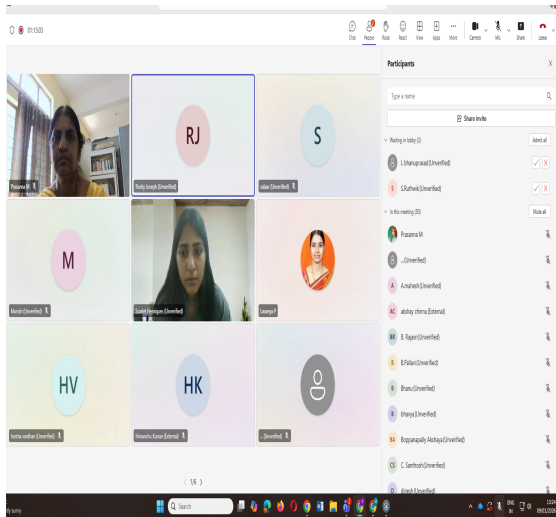
Resource Person: Ms. Scarlet Henriques, Executive, Social Change, Goa (Threco – The Recycling Company)

The objective of the guest lecture was to create awareness among students about the growing concerns of electronic waste (e-waste), its environmental impact, and the importance of responsible disposal and recycling practices. The session aimed to educate students on sustainable waste management strategies and the role of individuals and industries in minimizing electronic waste.

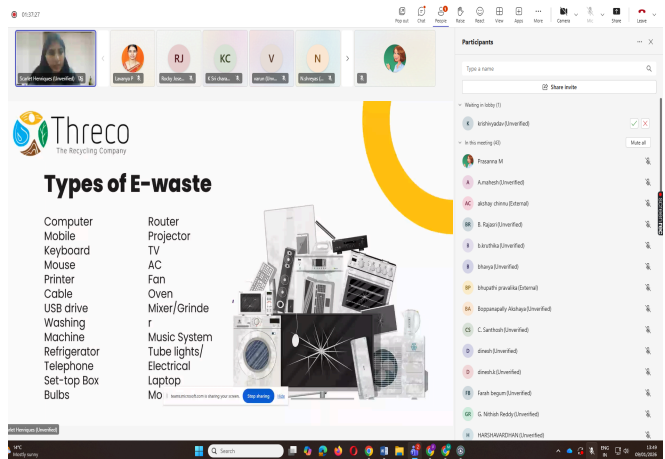
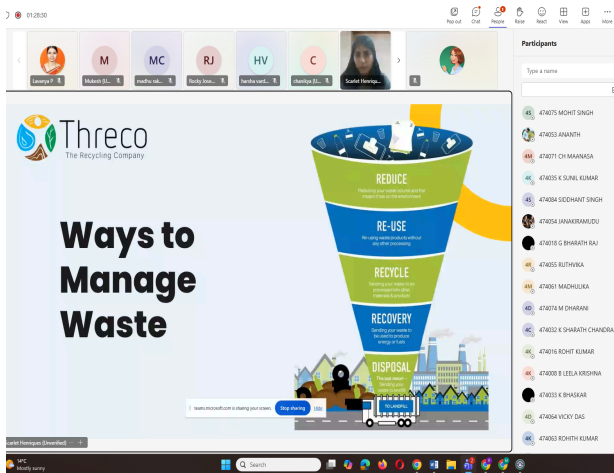
The lecture was organized under the guidance of Mrs. M. Prasanna, Head of the Department, along with faculty coordinator Dr. P. Lavanya.

Ms. Scarlet Henriques, representing Threco – The Recycling Company, one of India's leading integrated waste management companies authorized to recycle various types of e-waste, delivered an insightful presentation. She discussed the sources of e-waste, hazardous components in electronic devices, government regulations, recycling processes, and the significance of Extended Producer Responsibility. Real world examples and case studies were shared to help students understand practical aspects of e-waste management.

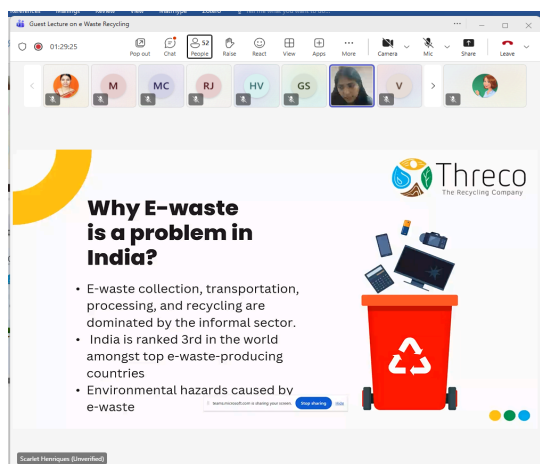
The session was interactive, encouraging students to ask questions and participate in discussions regarding sustainable practices and environmental responsibility. The Guest Lecture on E-waste Management proved to be highly informative and enhancing student's awareness about environmental sustainability and responsible technological usage. The programme contributed meaningfully to their academic knowledge and social responsibility.



Resource person explaining major sources of e-waste



e- waste management and types



Bhavan's Vivekananda College
Of Science, Humanities & Commerce

Guest lecture on
E-waste Management
By
Scarlet Henriques
Executive Social Change, Goa



Threco - The Recycling Company is one of India's leading integrated waste management company, authorised to recycle varieties of E-waste.

Organized by
Department of Physics and Electronics

09/01/2026
1 pm - 2 pm
51A IT Block

Faculty Co-ordinators
Mrs. M Prasanna, HOD
Dr. P.Lavanya

Resource person explaining Hazards of e - waste

Report on Field visit to NSIC, ECIL Hyderabad

Target Group: Students of B.Sc. III yr Life Science students
Number of students: 18
Institution visited: **NSIC**, ECIL, Hyderabad
Organizers: **Dr. V.R. Manjula**, Department of Physics and Electronics
and **Ms. N. Shruti**, Department of Genetics and
Biotechnology
Date: 17/09/25

The **Department of Physics and Electronics** along with the **Department of Genetics and Biotechnology** in coordination with **IQAC**, organized a visit to NSIC, ECIL, Hyderabad on **17th September 2025** from 2:30 - 4:00 pm. The UG life sciences final year students from GE - Renewable energy and Energy Harvest participated enthusiastically. A total of 18 students have visited NSIC along with two faculty coordinators.

The Scientists and staff of NSIC showed the solar cell panels setup and the roof top panels. They explained how solar energy is trapped and converted to AC current and stored in inverters and batteries. They mentioned series and parallel connections, modules and arrays of panels. The students interacted and showed enthusiasm. The visit helped the students to understand the subject better and also gave them start up ideas.

The list of students who visited NSIC:

S.No	Roll No	Name of the Student	Class
1	107223573022	Tanya Ghosh	BtGC 3rd yr
2	107223573050	Joshua	BtGC 3rd yr
3	107223573020	Roshni G	BtGC 3rd yr
4	107223573022	Rushitha	BtGC 3rd yr
5	107223487041	C Prem Kumar	BtMC 3rd yr
6	107223487045	K Anantha Laxmi	BtMC 3rd yr
7	107223487038	Vedant M K	BtMC 3rd yr
8	107223487034	S Vaishnavi	BtMC 3rd yr
9	107223459001	A Pooja Maheshwari	MGC 3rd yr
10	107223459003	B Haritha	MGC 3rd yr
11	107223459007	D Gayathri	MGC 3rd yr
12	107223459016	Sameera SKV	MGC 3rd yr
13	107223459042	T Mahesh	MGC 3rd yr
14	107223459021	Sanjay V	MGC 3rd yr
15	107223459011	N Vikas	MGC 3rd yr
16	107223459027	Md. Moizuddin	MGC 3rd yr
17	107223459006	C Satya Nivedh	MGC 3rd yr
18	107223652023	Kavya	BcNDC 3rd yr



SDG REPORT on the Activity
GO GREEN COMMUTE CHALLENGE

Date: 17th September 2025

Organized by: Department of Physics & Electronics
and
Department of Genetics & Biotechnology

The Departments of Physics & Electronics and Genetics & Biotechnology jointly organized the **Go Green Commute Challenge** on **17th September 2025** in alignment with **SDG 7 (Affordable and Clean Energy)**, **SDG 11 (Sustainable Cities and Communities)**, and **SDG 13 (Climate Action)**, with the theme “**Save Fuel for a Better Environment.**” The activity was inspired by **Articles 48(A) and 51A(g) of the Constitution of India** and aligned with NAAC sustainability expectations.

The initiative encouraged faculty, staff, and students to adopt **eco-friendly modes of transport**, including walking, cycling, public transport, carpooling, bike pooling, auto pooling, and electric vehicles. Awareness flyers were prepared using **Canva**, and the event was documented using smartphones.

The response was highly encouraging, with **32 staff members** participating through sustainable commuting practices such as walking, public transport, electric vehicles, and various pooling methods. In addition, **25 students** commuted by **bicycles**, significantly contributing to fuel conservation and emission reduction.

The activity helped promote environmental awareness, healthy commuting habits, and cost-effective transportation while enhancing the institution’s commitment to sustainability. As a follow-up measure, the coordinators proposed conducting the activity **monthly** and requested the establishment of an **EV charging point on campus** to further encourage green mobility.

Event Coordinator

(Mrs M. Prasanna)

Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
Of Science, Humanities & Commerce
Sainikpuri, Secunderabad - 500094
Re-accredited with 'A' grade by NAAC, NIRF Rank Band 151-200
An Autonomous College, Affiliated to Osmania University

Department of PHYSICS and ELECTRONICS
&
Department of GENETICS and BIOTECHNOLOGY
in association with IQAC
is organising

GO GREEN COMMUTE CHALLENGE
NO CAR DAY FOR FACULTY
AND
NO BIKE DAY FOR STUDENTS
AN ACTIVITY INSPIRED BY
SDG 7, 11 AND 13

On
17-09-2025(Wed)

**SAVE FUEL FOR
BETTER ENVIRONMENT**

**WASTE FUEL FOR WORST
ENVIRONMENT**

Coordinators:
Mrs M Prasanna HOD
Dr. B Kalpana HOD
Mr TV L N H Prasad
Dr S Nagamanju



Mrs Jyothi Mehra coming by walk to College.



Mrs Dr Kalyani Gorthi coming by Electric Vehicle.



Students Bicycles

BHAVAN'S VIVEKANANDA COLLEGE
Department of Physics & Electronics
SDG REPORT: ENVIRONMENTAL SUSTAINABILITY
08th –12th September 2025

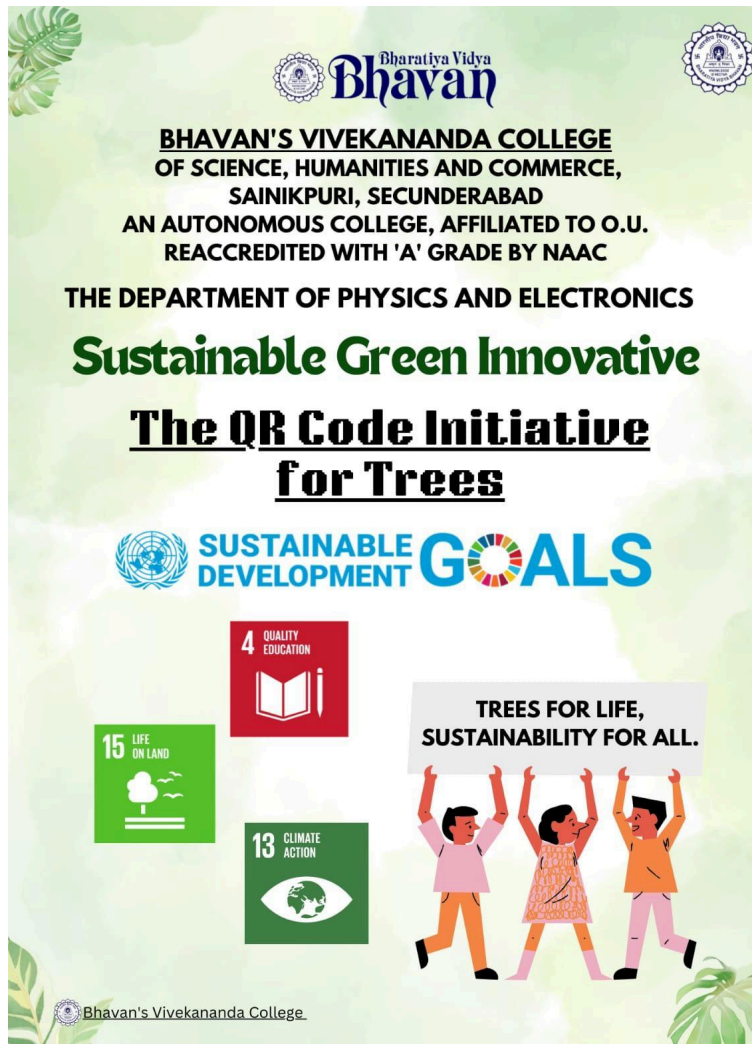
The Department of Physics & Electronics organized an environmental sustainability activity titled “Creating QR Codes for Trees to share their details and Importance” from 08th to 12th September 2025, focusing on promoting green behaviour on campus.

The initiative aligned with Articles 48A and 21 of the Constitution of India and SDG 4 (Quality Education), SDG 13 (Climate Action), and SDG 15 (Life on Land). It aimed to integrate digital tools with environmental awareness by providing easy access to information on tree species and their ecological significance through QR codes.

Under the coordination of Ms. M. Prasanna, Head, Department of Physics & Electronics, B.Sc. MECs II Year students Pranathi V (107224474030) and Rishika K (107224474036) Bala Priyanka Shree (107224474033), Vemula Sri Harini (107224474031) geo-tagged and documented 25 trees across the campus using Google Maps and smartphones. QR codes linking to the collected data were generated and installed near the trees, with proper photographic documentation.

The activity enhanced environmental awareness, digital literacy, and experiential learning, while strengthening the institution's commitment to sustainability and NAAC quality benchmarks, with strong support from the college management.

Mrs M. Prasanna





BHAVAN'S VIVEKANANDA COLLEGE
Department of Physics & Electronics
(in association with the Department of Genetics & Biotechnology)
SDG REPORT: e -WASTE MANAGEMENT & ENVIRONMENTAL SUSTAINABILITY
8th – 14th September 2025

The Department of Physics & Electronics, in association with the Department of Genetics & Biotechnology and IQAC, organized an e-Waste Collection Drive from 8th to 14th September 2025 at Bhavan's Vivekananda College, Sainikpuri, Secunderabad. The activity was inspired by Sustainable Development Goals 12 (Responsible Consumption and Production) and 13 (Climate Action).

The objective of the programme was to create awareness about the environmental hazards caused by improper disposal of electronic waste and to promote responsible recycling practices among students and staff. The drive emphasized the theme **“Don't Trash It – Recycle It! Give E-Waste a New Life”**, encouraging eco-friendly behaviour and sustainable waste management on campus.

The activity was coordinated by Mrs. M. Prasanna (HOD) and Dr. P. Lavanya. 15 students from BSc Physical Sciences, Life Sciences, and BBA actively took part in conducting the e-waste drive. Awareness flyers were circulated across the campus, and a designated collection point was arranged at the IT Block, Ground Floor, for the safe deposit of unused and obsolete electronic items. The E-Waste Collection Drive was conducted within the college campus and extended to the surrounding neighborhood, encouraging wider community participation in responsible e-waste disposal.

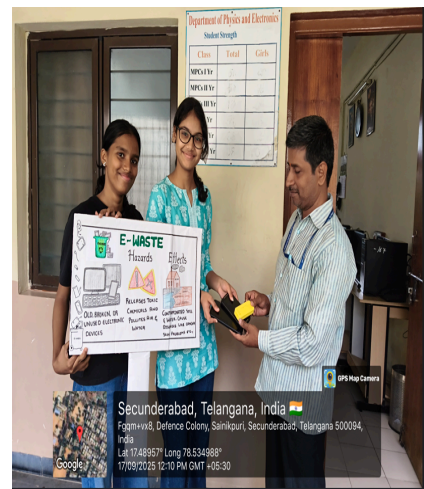
The programme received active participation from students, teaching, and non-teaching staff, reflecting the institution's strong commitment to environmental sustainability. The e-Waste Collection Drive successfully sensitized the campus and local community to responsible consumption practices and strengthened the college's dedication to sustainability, in alignment with NAAC quality standards and national environmental goals.



Flyer



e-Waste Collection at MBA Block, BVC



e-Waste Collection at IT Block, BVC



e-Waste Collection at BVC Neighbourhood



e- Waste Collection at Commerce Block, BVC



BHAVANS VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES AND COMMERCE, SAINIKPURI, SECUNDRABAD

(An Autonomous College, Reaccredited with 'A'
Grade by NAAC, Affiliated to O.U.)

THE DEPARTMENT OF PHYSICS AND ELECTRONICS
IS ORGANISING

A
VALUE ADDED COURSE
ON

ASTRONOMY & ASTROPHYSICS

From 11th - 15th NOVEMBER
TIMING : 10 AM - 4.30 PM

Resource Person:

Dr. RAVI RAJA

FOUNDER - THE ASTRONOMICAL SOCIETY FOR
TRAINING, RESEARCH AND OUTREACH (ASTRO)

For more information

Mrs. M Prasanna - Head Dept of Physics and Electronics

Dr. V.R. Manjula - Faculty Coordinator

Ms.T.sai santoshi _Faculty Coordinator

Report on Value Added Course
On
Astronomy & Astrophysics

The Department of Physics & Electronics, Bhavan's Vivekananda College of Science Humanities and Commerce has conducted a 30 hr Value Added course on **"Astronomy & Astrophysics"** to the B.Sc. MPCs & MECs II yr students. 64 students have registered for the course and 50 students have attended the course.

Target Group: B.Sc. MPCs & MECs II yr students

Number of students: 50

Course Title: Astronomy & Astrophysics

Resource Person: Mr. Ravi Raja P, Founder, ASTRO: The Astronomical Society for Training, Research and Outreach, Science Educator Research Scholar

Organizer: Dr. V.R. Manjula, Department of Physics and Electronics

The Schedule for the Value Added Course is as below:

Venue: Room No# 51 A, IT Block

Date: 11/11/25 to 15/11/25

Timings: 10:00 AM to 4:30 PM

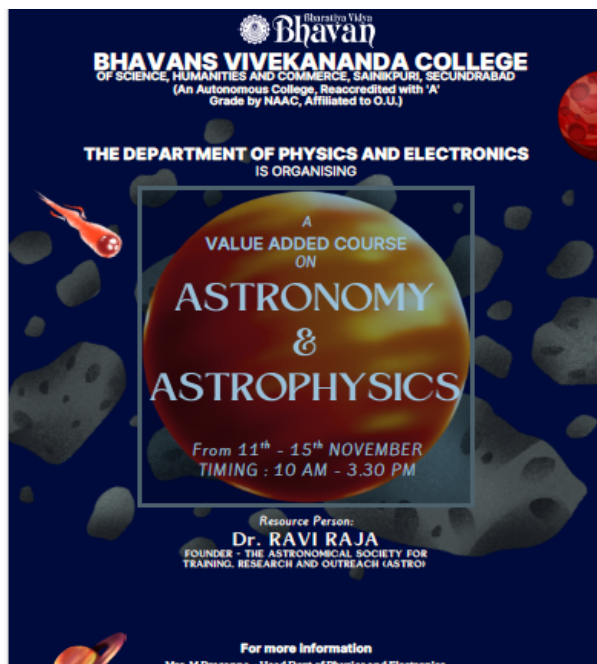
The week-long course was well structured, combining **theory sessions with practical activities**. Practical hands-on sessions were included each day during post lunch sessions. Day wise sessions are as follows.

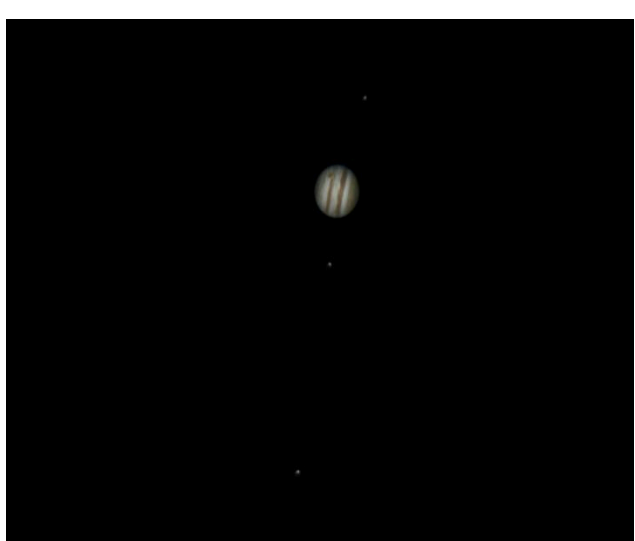
Day wise content:

Day	Session	Topic of discussion
Day 1	Theory	Astronomical Scales and measurements and Basics of positional Astronomy
	Practical	Instrumentation of Telescope. Study of Celestial Objects using Stellarium App
Day 2	Theory	Binary orbits and Stellar Spectral Classification
	Practical	Spectral Classification of Stars using Vireo
Day 3	Theory	Use of Astronomy Simulators . H-R diagram analysis of stars
	Practical	H-R diagram using NAAP simulator
Day 4	Theory	Formation and classification of Stars, galaxies and dark matter and dark energy. Milky way, Compact objects: White dwarfs and Black hole, Planetary nebulae and Super novae
	Practical	H-R diagram B-V values, Temperature determination using colour index
Day 5	Theory	Solar Family and Exo planets, Hubble's law, Hubble's telescope and Sun spots
	Practical	Determination of solar rotation (angular velocity) through sun spots using SOHO website

On 4th and 5th day **Suns Spots** were made to observed by students and faculty using telescope from the college campus (IT Block terrace). Also as a part of the Valued added course, **Night sky Celestial observational session** is conducted on 6th December 2025. The objects for observation included **Saturn** with its rings and **Titan** its moon; South Pole **Lunar crater**; **Jupiter** with its bands and **Galilean Moons**

An examination is conducted on 4th of December 2025 for the evaluation of students on the skills imparted. In all, the lecture sessions blended with hands-on activities and computation of astronomical parameters gave the students a wholesome information relating to Astronomical studies.







List of students attended VAC on Astronomy and AstroPhysics

S. NO	Name	Roll Number
1	Pogiri Ramya	107224468024
2	Uduthala Arun Kumar	107224468029
3	VADDE HEMALATHA	107224468031
4	Nuthi Niharika	107224468023
5	Thakur Shashank raj singh	107224468044
6	Shathelli Nikhil	107224468027
7	Chanapaagari bhargavi	107224468006
8	K Venkat rajesh	107224468047
9	Snigdha Prashant	107224468042
10	Gadipalli Mahesh Dhanush	107224468011
11	B Tarun Raj Yadav	107224468004
12	Kondu sainath	107224468017
13	Kakonda harish kumar	107224468035
14	G.Sri Prajan	107224468010
15	B. Viswanath	107224468003
16	Nagoju Navakanth	107224468049
17	Adapa Maniram	107224468001
18	Sanneganti Naga Lakshmi	107224468026
19	Madanu Sriram	107224468048
20	Bojja Geethanjali	107224468033
21	Archita Kumari Sia	107224468032
22	K.Sai Kiran	107224468015
23	Jella Charanjeet	107422468013
24	P Ruhi	107224468039
25	Nimmala Sushmitha	107224468022
26	Divyasree cheguri	107224468007
27	Durgamanik varsha naidu	107224468008
28	EEDULAKANTI SAHITHI GOUD	107224468009
29	Gundrapally geethika	107224468012
30	Singam Laxmi Priya	107224468028
31	A Uma Lalitha	107224468046
32	Moriganti Swetha	107224468019
33	Nanda Prem Kumar	107224468040
34	Mohammad Abdul Gani	107224468038
35	Dharma varapu Gowri shankar	107224474008
36	Chatla Rakesh	107224474006
37	Jujjavarapu Nikhil sai	107224474014
38	Thornal Srikanth	107224474028
39	Ananthula Manohar	107224468002
40	J sritha	107224468014
41	Saurav Sharma	107224474040
42	Gautam Sharma	107224474035
43	B Avinash	107224474050
44	Manoj tak	107224468036
45	Eshika Gurubelli	107224468051

List of students attended VAC on Astronomy and AstroPhysics

S. NO	Name	Roll Number
46	Mohith Dika	107224468037
47	V Dhanush	107224468030
48	Perni sai naga teja	107223468043
49	Sheshadri Pranish Vardhan	107224474027
50	Gorrey Aarush	107224474011

Bhavan's Vivekananda College of Science Humanities & Commerce
Department of Physics & Electronics

Report on
**Value Added Course Conducted in collaboration with Siddhartha
Technologies, Hyderabad.**

Name of the Course : *Internet of Things (IoT) & PCB Designing*

Date and Duration of the course: 10th November 2025 to 15th November 2025,
from 09:30 am to 03:30 pm

Beneficiaries: 12 students from B.Sc. MPCs and 10 students from B.Sc. MECs

Organized by: Department of Physics & Electronics, BVC in collaboration with
Siddhartha Technologies, Hyderabad.

The Department of Physics and Electronics, in collaboration with Siddhartha Technologies, organized a six-day value-added course on *Internet of Things (IoT) & PCB Designing* from 10th to 15th November 2025. The program was conducted by Mr. Bipin S. Gondane and Mrs. M. Prasanna, combining theoretical inputs with practical sessions to provide students with a comprehensive understanding of embedded systems, microcontrollers, and IoT applications. The course covered topics such as Raspberry Pi Pico, MicroPython, ESP-8266, Raspberry Pi Pico-W, and ESP32 boards, with each day focusing on hands-on exposure through simple projects, sensor interfacing, and embedded board programming. The final day included IoT project discussions and an assessment to evaluate learning outcomes.

A total of 22 students—12 from B.Sc. MPCs and 10 from B.Sc. MECs—participated in the program. Students gained valuable insights into IoT hardware, programming, and PCB design, while appreciating the clarity of instruction and practical exposure. The opportunity to work with modern embedded boards helped them connect theoretical knowledge with real-world applications. Overall, the course proved to be a highly beneficial learning experience, equipping participants with essential skills for academic success and future professional growth.

List of Participants :

SINo	Roll Number	Student Name
1	107223468043	Perni Sai Naga Teja
2	107224468006	Channapagari Bhargavi
3	107224468016	Kondabattula Umesh
4	107224468017	Kondu Sainath
5	107224468033	Bojja Geethanjali
6	107224468036	Manoj Tak
7	107224468038	Mohammad Abdul Gani
8	107224468039	P Ruhi
9	107224468041	Rudra Narayan Jena
10	107224468042	Snigdha
11	107224468047	Kunchala Venkat Rajesh
12	107224468051	Gurubelli Eshika
13	107224474001	Ashwin
14	107224474003	Banjapally Vishal
15	107224474018	Maloth Dinesh
16	107224474022	Mulge Abhishek
17	107224474025	Panduga Ajay
18	107224474029	Vaddepally Karthik Mudiraj
19	107224474034	B Pavan Singh
20	107224474038	Mohammad Ishtiyag Ali Khan
21	107224474039	P Ramalinga Reddy
22	107224474047	Sheela Pranav



Mr. Bipin S. Gondane interacting with students



Bharatiya Vidya
Bhavan

BHAVAN'S VIVEKANANDA COLLEGE of Science, Humanities & Commerce

Sainikpuri, Secunderabad, Telangana - 500094

Autonomous College, Affiliated to O.U.

Reaccredited with 'A' grade by NAAC

DEPARTMENT OF PHYSICS & ELECTRONICS Organizes

Value added Course

Internet of Things (IoT) & PCB Designing

Day-1

- Introduction to embedded system
- Microcontrollers and Sensors

Day-2

- Introduction to Raspberry pi Pico
- Simple projects

Day-3

- Introduction to Micro python.
- Embedded board practicals

Day-4

- Introduction to ESP boards
- ESP-8266 based practicals

Day-5

- Introduction to Raspberry pi Pico-W
- ESP32 / Raspi Pico - W based practicals

Day-6

- IoT based projects discussion.
- Assessment.

Certificates will be awarded
on successful completion of
the course

Resource Persons:

Mr Bipin S Gondane
Siddhartha Technologies

Mrs M Prasanna
Head,
Dept. Physics & Electronics

Mr T Prasad
Asst. Professor
Dept. Physics & Electronics

For Registration

[Click Here](#)



Venue

Electronics lab R#52
IT Block



Date & Timings

10th to 15th November, 2025
09:30 am to 03:30 pm