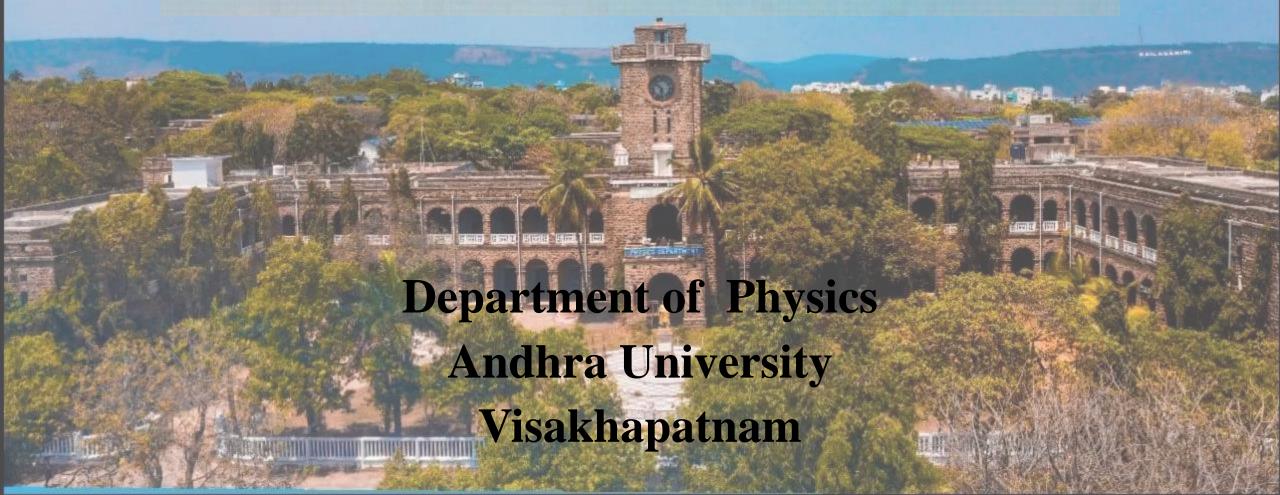
# WELCOME TO NAC PEER TEAM





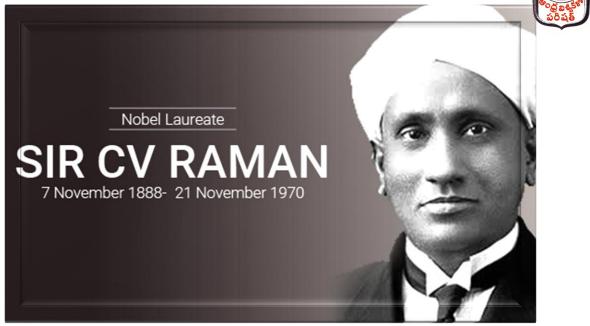
#### **VISION**

- ➤ To impart quality education, ➤ To enrich the knowledge and skills training and research in the subject of students through continuous areas of Physics and Electronics in learning and active research. the contemporary scenario of higher > To impart technical knowledge to education.
- To meet the scientific, industrial and societal needs.

#### **MISSION**

- make students to accept the challenges worldwide.
- To maintain active linkage with industrial personnel and enhance the academia-industry interactive Programmes.





This department was founded in 1932 under the guidance of Noble Laureate Sir.C.V.RAMAN, and he conducted his research studies at the department labs.



- Nuclear Physics, Meteorology & Oceanography and erstwhile Applied Physics (now Dept. of Instrumentation Technology) departments emerged from this.
- ➤ Naval Science and Technology Laboratories under DRDO
- The Physics Department, from its inception, has been recognized as a reputed centre for research in Ultrasonics, Spectroscopy, solid-state Physics, material sciences, and nanomaterials.
- ➤ Pioneered in the area of Atmospheric and Space physics.
- The Department has good research laboratories in Ultrasonics, Solid State Physics, Materials Science, Atmospheric & Space Physics and Liquid Crystals Nano Composites.



➤ Prof. S. Bhagavantham —
Architecture for DRDO Laboratories
Scientific Advisor to the Govt. of India

#### ► Prof. B.Ramachandra Rao –

- i) Bhatnagar Awardee
- ii) UGC Vice Chairman
- iii) Rajya Sabha Member

➤ Prof. K.Rangadhama Rao — World Renowned Spectroscopist









- In India, work on Nuclear Quadrupole Resonance spectroscopy (NQR) was first initiated and the first bromine NQR resonance was observed in India in physics laboratories at Andhra University.
- Contributed to the development of Radio Frequency Spectroscopy which branched into Nuclear Quadrupole Resonance (NQR), Nuclear Magnetic Resonance (NMR) and Electron Spin Resonance (ESR) spectroscopy.
- > NMR Research Centre was established with XI Plan UGC Grants.
- ➤ The Department was identified as a Centre for Advanced Study (CAS Phase I) in Physics by the University Grants Commission during 2007-2012 and was continued as CAS Phase II since April 2015(2015-2020).



#### Visit of Dr.U.R.RAO, Chairman ADCOS for NSSS





Visit of Dr. G. Madhavan Nair, Chairman ISRO for ICARB Review



 CIMEL Inter-comparison during CALIPSO overpass along with our LIDAR(Brent Holben from NASA)



Focal point for M.Tech Course on Space and Atmospheric Physics being offered by Centre for Space Science and Technology Education in the Asia and Pacific (CSSTE-AP) sponsored by United Nations

## **International Collaborations**







"Investigation of ESF Triggers using Balloon-Based and Ground-Based Diagnostics"
Sponsored by US Air Force through
ASIAN OFFICE OF AEROSPACE
RESEARCH AND DEVELOPMENT

Collaborative research endeavour between Andhra University, Vikram Sarabhai Space Centre, PRL, TIFR and Boston University

## **National Collaborations**



ISRO

Space Physics Laboratory, Vikram Sarabhai Space Centre, Trivandrum

Physical Research Laboratory Ahmedabad National Atmospheric Research Lab, Tirupati

Indian Institute of Geomagnetism,

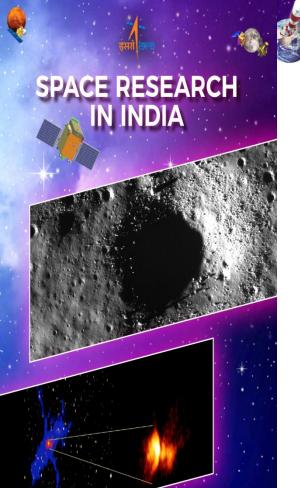
Mumbai

IITM, Pune

National Physical Laboratory, New Delhi

## **National Collaborations**





SPACE RESEARCH IN INDIA

fresh recruits of ISRO under the ISRO Induction Training (IITP) Program. SPL also fits commitment to society by imparting training to the young students, which inclu (i) B. Tech and M. Sc. Projects, (ii) M. Tech. and M. Phil Dissertation supervision. So more than 500 M. Sc./M.Tech. Project students have carried out their project work at S

#### 2.7 Courses offered on Space Science and Technology

SPL conducts regular Ph.D course work for the Research Fellows selected through ISRO Research Fellowship program at SPL.

#### 2.8 National Collaborations in Space Science and Technolog

SPL collaborates very closely with the academia and other research agencies in for scientific pursuits, which includes various centers of ISRO, Ministry of Earth Scie (MoES), Department of Science and Technology (DST), Department of Atomic En (DAE), Council of Scientific and Industrial Research (CSIR), Ministry of Environment Forest (MoEF), universities and national institutes. The long-term collaborations are I below:\)

SI. No.	Area of Collaboration	Collaborating Institutes
		Indian Institute of Science, Bengaluru
		Tamilnadu Agricultural University, Ooty
		SRM University, Chennai
	Regional	S K University, Anantapur
	characterization of atmospheric	Goa University, Goa
	aerosols over Indian	National Remote Sensing Centre, Hyderabad
	region through the application of ground-	Tata Institute of Fundamental Research, Hyderaba
	based measurements	Andhra University, Visakhapatnam
1	of aerosols and the scientific understanding of the various source and transport processes to understand the radiative and climate impacts.	Indian Institute of Tropical Meteorology, Pune
		Institute of Minerals and Materials Technology, Bhubaneswar
		Regional Remote Sensing Centre (RRSC), Nagpu
		Saurashtra University, Rajkot
i		Tripura University, Agartala
		Banaras Hindu University, Varanasi
		North Eastern Space Application Centre (NESAC) Shillong

#### SPACE RESEARCH IN INDIA

SI. No.	Area of Collaboration	Collaborating Institutes		
		M L Sukhadia University, Udaipur and Jaisalmer		
		Dibrugarh University, Dibrugarh		
		Aryabhatta Research Institute of Observational Sciences, Nainital		
		Punjabi University, Patiala		
		Indian Institute of Remote Sensing, Dehradun		
		GB Pant Institute for Himalayan Environment and Development, Kullu		
		Indian Institute of Astrophysics, Bengaluru		
		National Physical Laboratory, New Delhi		
		Yogi Vemana University, Kadappa		
		Calcutta University, Kolkata		
		Dayalbagh Educational Institute, Agra		
		DDU Gorakhpur University, Gorakhpur		
		S V University, Vijayawada		
	Monitoring of atmospheric boundary layer (ABL)	North Eastern Space Application Centre (NESAC), Shillong		
		Andhra University, Visakhapatnam		
	parameters, state variables, and energy	S K University, Anantapur		
2	fluxes at different geographical locations of India, representing	Aryabhatta Research Institute of Observational Sciences, Nainital		
		Goa University, Goa		
	typical geographical and climate conditions prevailing at distinct	Indian Institute of Space Science and Technology, Trivandrum		
	geographic regions of	National Remote Sensing Centre, Hyderabad		
the country.	tne country.	Indian Institute of Science, Bengaluru		
3	Polar Research	National Centre for Polar and Ocean Research		
		Physical Research Laboratory (PRL), Ahmedabad		
	Atmospheric, Space	National Atmospheric Research Laboratory (NARL), Gadanki		
		Indian Institute of Geomagnetism (IIG), Mumbai		
4	and Planetary exploration	Indian Institute of Science, Bengaluru		
		Indian Institute of Astrophysics (IIA), Bengaluru		
		Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram		

#### SPACE RESEARCH IN INDIA

- Introduction to near earth spa
- 2. Dynamical, chemical and coupling processes in the Earth's atmosphere
- 3. Title: Solar Internal Structure and Dynamics
- 4. UV and X-ray Sun
- 5. Title: Solar Magnetohydrodynamics
- 6. Title: Coronal and Heliospheric Processes
- 7. Title: Instrumentation for Solar astronomy
- 8. Title: Planetary Atmospheres and Environment
- 9. Title: Planetary Geology
- 10. Cosmochemistry
- 11. Planetary Geochemistry
- 12. Planetary Remote Sensing

#### 3.8 National Collaborations in Space Science and Technology

SI. No.	Area of Collaboration	Collaborating Institute		
1.	AstroSat/CZTI data analysis	TIFR- Mumbai, IUCAA-Pune		
2.	Future X-ray astronomy mission	IIT-Bombay, Mumbai , RRI- Bengaluru, SAG-URSC, Bengaluru		
3.	Ionospheric studies	NARL- Gadanki, India		
4.	Geomagnetic storm effects on ionosphere	Andhra University, Visakhapatnam, India		
5.	Ionospheric studies	IIG- Mumbai, India		
6.	Space Science	IIG-Mumbai, SPL/VSSC, NARL (Gadanki), IIT-Roorkee, IIT-Indore, Dibrugarh University Mumbai University		
7.	Wave induced variability in the thermosphere	IIT, Roorkee		
8.	Meteor characteristics in the lower thermosphere	University of Osmania		
9.	Planetary Science	Anna University, Chennai, IIST		
10.	Pulse Laser Testing Facility	IPR, Bhat, Gandhinagar		
11.	High Voltage Lightning Testing Facility	CHARUSAT, Changa		
12.	Scientific Research: Astrobiological and Geological investigations	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India		
13.	Scientific Research: Geological investigation of glacial landforms	Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala		

# National Collaborations Thrust areas in Space Science and Technology







- ➤ Selected by ISRO as the host institute/ nodal centre of START Programe
- > 78 students enrolled and got certified in the programe
- ▶6 students participated 2<sup>nd</sup> Indian Space Weather Conference organised by PRL, Ahmedabad

## PROGRAMS OFFERED



#### **PG PROGRAMS**

M.Sc Physics

M.Sc Electronics (Instrumentation)

**DOCTORAL PROGRAMS** 

Ph.D Physics

**Ph.D Electronics** 

## OBE FRAMEWORK



- Problem analysis in theoretical Physics, Quantum Mechanics, Statistical Mechanics, Electromagnetism, Mathematical methods of Physics, Instrumentation Techniques and Electronics.
- Design/development of solutions for modern physics, solid state physics and electronics experiments in student laboratories.
- ➤ Modern tool usage in research laboratories.
- ➤ Environment and sustainability Lead institution in Geosphere Biosphere program of ISRO
- >Ethics
- ► Individual and teamwork
- **≻**Communication



## ELECTIVES

#### M.Sc. Physics

- ➤ Digital Electronics & Microprocessors
- Principles of Ultrasonics
- ➤ Materials Science
- ➤ Radar systems and Satellite Communication
- ➤ Nano Materials
- > Antennas
- > Communication Electronics
- ➤ Ionospheric Radio Wave Propagation & Sounding Techniques

#### M.Sc. Electronics(Instrumentation)

- > PLC & SCADA (Control Systems)
- ➤ Antenna and Microwave Devices
- ➤ Digital Image Processing
- > VLSI Design
- ➤ Remote Sensing Instrumentation
- > Power Electronics
- ➤ Power Plant Instrumentation
- Embedded Systems Design

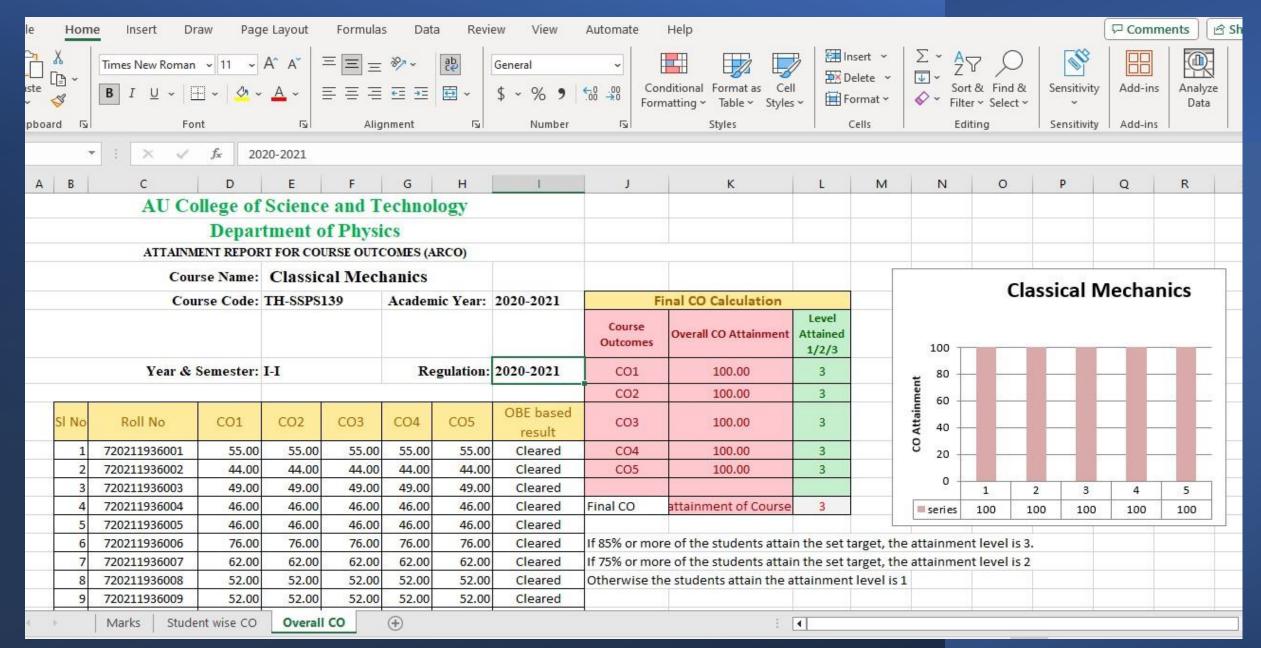
## PROGRAMME OUTCOMES



#### M.Sc. Physics

- Gain a deep and comprehensive understanding of core physics concepts, theories, and principles across various subfields such as classical mechanics, electromagnetism, quantum mechanics, solid state physics, statistical mechanics and electronics.
- Able to develop advanced problem-solving skills and critical thinking abilities to analyze complex physical phenomena, derive solutions, and apply theoretical concepts to practical situations.
- ➤ Will have honed their mathematical and computational skills, which are essential for advanced physics research and analysis.
- ➤ Gain hands-on experience in advanced laboratory work, which might involve usage of sophisticated equipment, conducting experiments, and analysing experimental data to validate theoretical concepts.
- ➤ Will be ready to start their career in various educational institutions, research and development centres.

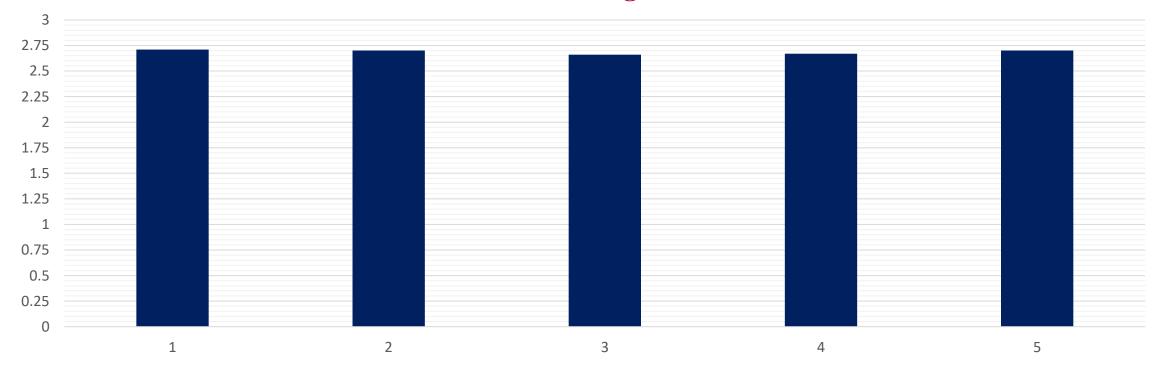
#### **COURSE OUTCOME ATTAINMENT**



# CO & PO mapping and attainment



PO Attainment Level (Average PO Attainment of M.Sc Physics 2020-22 Program)



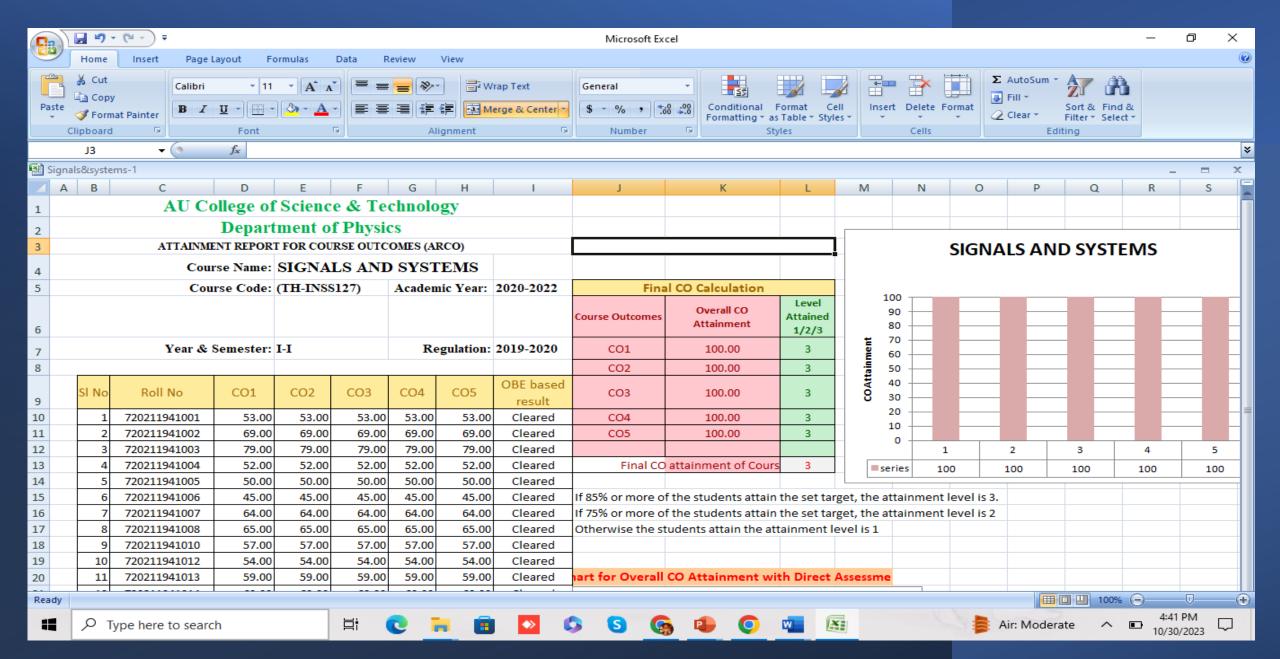
## PROGRAMME OUTCOMES



#### M.Sc Electronics (Instrumentation)

- The student will be able to develop extensive knowledge in various areas of Electronics and Instrumentation such as Communication Electronics, Control Systems, Digital Systems Design, Remote Sensing, Bio-medical Instrumentation, Analytical and Industrial Instrumentation, Digital Signal Processing, Microcontrollers, Embedded systems, etc.
- > Students will be able to select, install, calibrate and maintain instruments used for measurement and analysis.
- ➤ One will be able to design signal analysis and develop the implementation for control schemes used in various industrial processes.
- ➤ Can develop the skill set to execute a Project incorporating Industrial standards.
- The student will be equipped to take up a suitable position in various companies thatmanufacture electronic test equipment, transducers, process control equipment and recording instruments as well as in process industries.

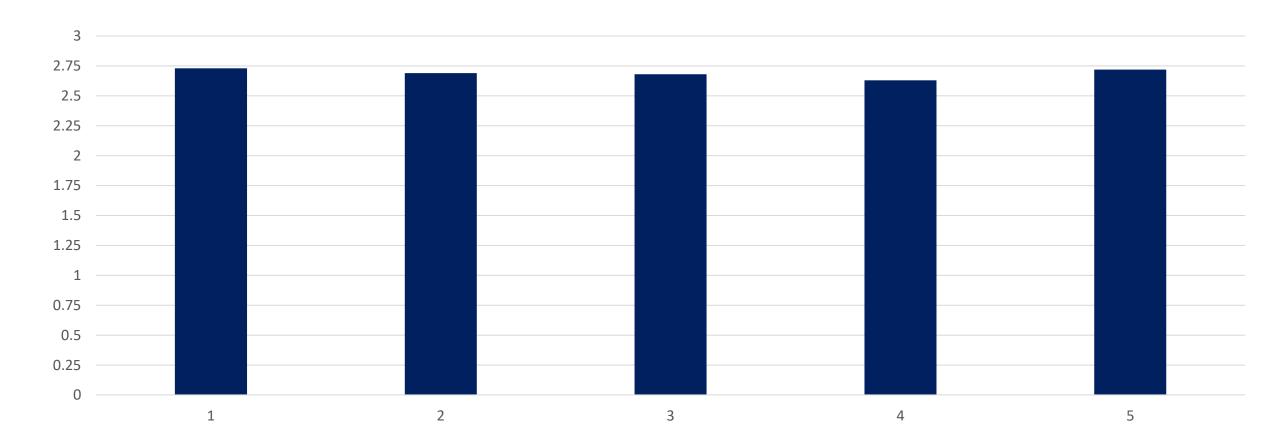
#### COURSE OUTCOME ATTAINMENT



# CO & PO mapping and attainment



# PO Attainment Level (Average PO Attainment of M.Sc Electronics (Instrumentation) 2020-22 Program)



# Courses with employability/Skill development

- > Electronics devices and circuits
- > Electrodynamics
- Laser and fiber optics
- ➤ Digital electronics and microprocessors
- > Principles of ultrasonics
- ➤ Radar systems and satellite communications
- ➤ Nano materials
- > Antenna theory
- ➤ PLC and SCADA(control systems)

#### Value added courses offered

- 000 and 100 an
- ➤ Intellectual Property Rights (IPR)
- ➤ Research Methodology

#### **MOOCS COURSE**

- > SWAYAM PORTAL
- > AU MOOCS
- ➤ Udemy
- > Coursera
- ➤ Microsoft

# Student Projects In association with NARL, UNDP, SIEMENS, AVANTEL



	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
M.Sc Physics	11	10	11	57	51
M.Sc Electronics (Instrumentation)	39	<b>52</b>	51	30	30

## Faculty's list and profile



Name	Specialization	Number of Ph.Ds Produced	No.of Publications	H-Index	
Prof. K.Samatha	Prof. K.Samatha Ultrasonics and Solid-State Physics		151	19	
Prof. M. Ramakrishna Nanchara Rao	Liquid Crystals and Nano Technology	2	55	12	
Prof.S.Srinivasa Rao	Atmospheric physics and Space physics	-	10	3	
Prof.G.Manikya Rao	Materials Science, Nano materials	-	3	7	
Sri D.B. Venkatadri Instrumentation		-	-	-	
Dr.B.Ravi Kumar	Nano technology & Materials, Computer and Information Sciences	-	-	-	

## Faculty's list and profile



Name Specialization		Number of PhDs Produced	No. of Publications	H-Index
Prof. D.S.V.V.D.Prasad	Space Physics	20	65	19
Prof. K. Niranjan	Atmospheric and Space Physics	36	142	31
Dr. P.S.V.Subba Rao	Solid State Physics	15	102	25
Prof. T.Arunamani	Space Physics	4	4	5
Prof. M.Indira Devi	Space Physics	4	6	4
Prof. V.Veeraiah	Theoretical Physics	27	82	21

#### Faculty's list and profile



Name	Specialization	Number of Ph.Ds Produced	No.of Publications	H-Index
Ms. K.S.S.Soujanya Electronics Kumari /Instrumentation		-	3	1
Ms.N.P.Lavanya Electronics Kumari /Instrumentation		-	4	1
Mr.M.B.N.Bhushanam	Electronics /Instrumentation	-	5	1
Ms. L.Yamini Swathi	Electronics /Instrumentation	-	3	1
Dr.K.Tarakeswara Rao	Electronics /Instrumentation	-	4	1

Name of the Journal	Impact factor	Name of the Journal	Impact factor
Advances in Space Research	2.611	Journal of Physics: Condensed Matter	2.745
Journal of Materials Science: Materials in Electronics	2.478	Journal of Physics D: Applied Physics	3.207
Space Weather	2.942	Journal of Magnetism and Magnetic Materials	2.993
DE GRUYTER	1.712	Physica B	2.436
Journal of Geophysical Research: Space Physics	2.86	J mater sci : Mater electron	2.478
Liquid Crystals	3.13	JICR,	3.657
Journal of Geophysical Research: Atmospheres	5.217	European Journal of Molecular & Clinical Medicine	4.211
Inorganic Chemistry Communications	3.428	Optik -International Journal for light and electron optics	2.84
Applied Physics A	2.286	Polycyclic Aromatic Compounds	
Helivon	4	International Journal of Advanced Research	7.33
Modeling Earth Systems and Environment	3.6	International Journal of Computer Engineering in Research Trends	6.549
Advances in Space Research	2.61	Liquid Crystals	3.07
GPS Solutions	3.72	Advanced Powder Technology	4.833
J. Geophys. Res.,	3.11	Journal of Asian Ceramic Societies	2.546
Icarus,	3.65	Journal of Chemical Engineering	2.694
J. Atmos. Res	J. Atmos. Res 5.22 Results in Physics		4.565
Applied Physics A	2.584	2.584 Ceramics international	
Journal of Molecular Structure	3.13	Journal of Alloys and compounds	6.371





#### **Prof.K.Niranjan:**

- Member, Scientific Advisory Committee, Space Physics Laboratory, Vikram Sarabhai Space Centre, ISRO
- ➤ Member, Programme Advisory Committee, Atmos & Space Physics, DST
- ➤ Member, INSA Joint National Committee on COSPAR, URSI & SCOSTEP
- ➤ Member Final review Committee, Mega Science Vision 2035 on Climate Change, Govt. of India
- Member: Review committee for Aeronomy Satellite proposed payloads, review committee for the shortlisted Venus Proposals, 2018, and Expert Member, for finalising the teams for Indian Arctic Program 2017, 2018
- ➤ Visiting Professor, Nagoya University, Japan

## Awards, Recognitions/Fellowships



#### **Prof DSVVD Prasad:**

- ➤ Fellow, IETE(FIETE)
- Fellow A.P. Akademi of Sciences (FAPAS)
- Lifetime achievement award-2022 from INSO International Scientist award 2022 on Engineering, Science and Medicine
- ►I2OR-outstanding Researcher Award -2017 from International Institute of Organized Research.
- ➤I2OR- Outstanding Educator Award 2017 from International Institute of Organized Research

#### **Prof. K.SAMATHA:**

- >State meritorious teacher award 2022
- ➤ Best Academician Award 2018





#### Prof. M. Ramakrishna Nanchara Rao:

- Lifetime Achievement Award from VD GOOD International Scientist Awards 2021 on Engineering, Science and Medicine, VDGOOD Professional Association, India.
- Distinguished Professor Award from ARUNAI, AIRF Awards-2019 (International Researchers Connect and Awards 2019
- ➤ Best Researcher Award (Certificate of Excellence)) from EET CRS, Research Wing for Excellence in Professional Education & Industry presented by Education Expo TV Research & Branding Company, Noida, on 18 March 2018.

#### Dr.G. Manikya Rao:

Awarded Prof. P.Tiruvenganna Rao Shastiabdipoorthi Prize for the Best Ph.D., thesis in Physics in the Faculty of Science for the year 2017 in recognition of the merit at the 85 and 86 combined Convocation of Andhra University held on 9 January 2019.

#### ADVANCED/SLOW LEARNERS



• NOTE: Students has been classified as advanced learners and slow learners based on continuous assessment such as internal exams, mid examinations, seminars, special quizzes and grade point secured in each semester i.e., SGPA ≤ 6.0 or SGPA>6.0.

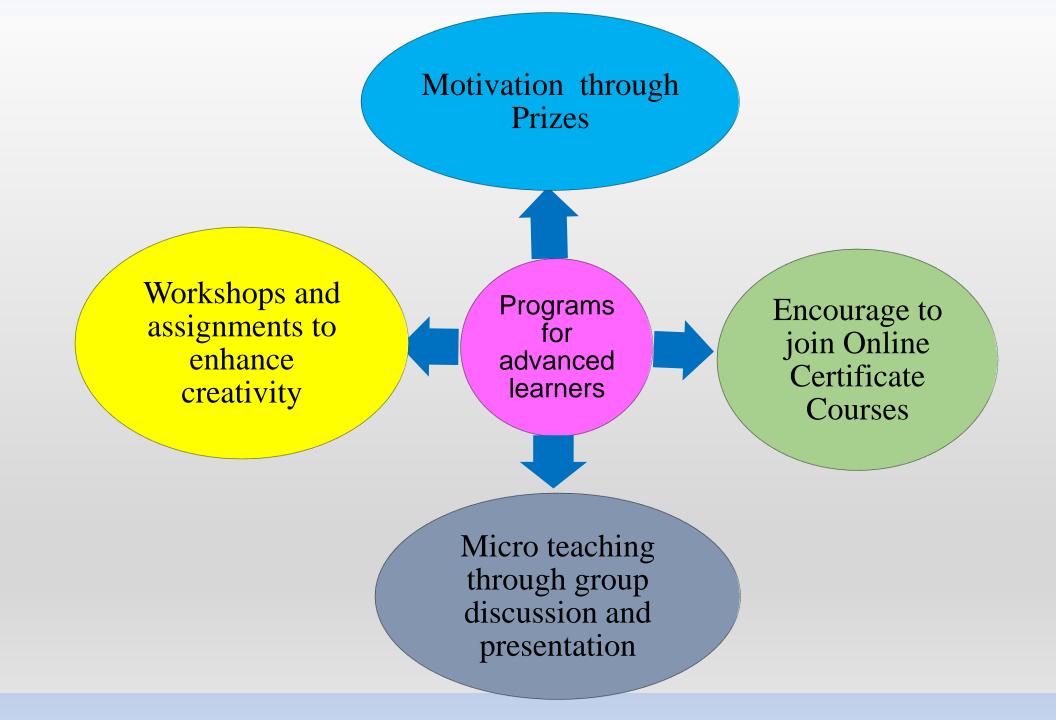
	2017-18	2018-19	2019-20	2020-21	2021-22
Advanced Learners	71	110	93	132	80
Slow Learners	18	11	20	01	00

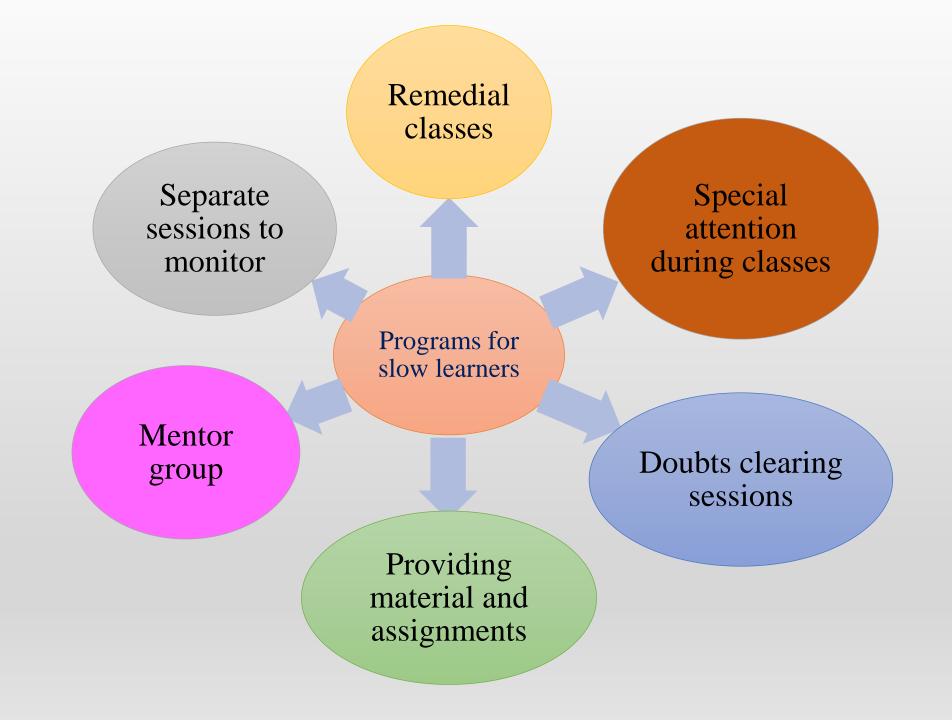


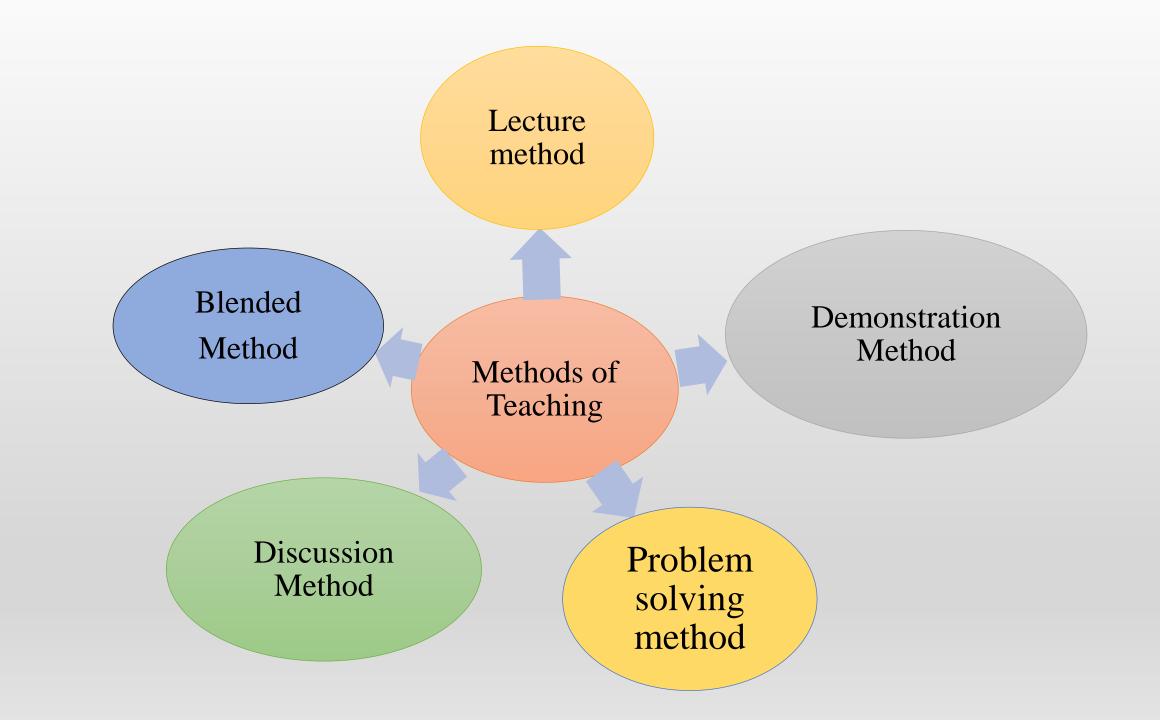


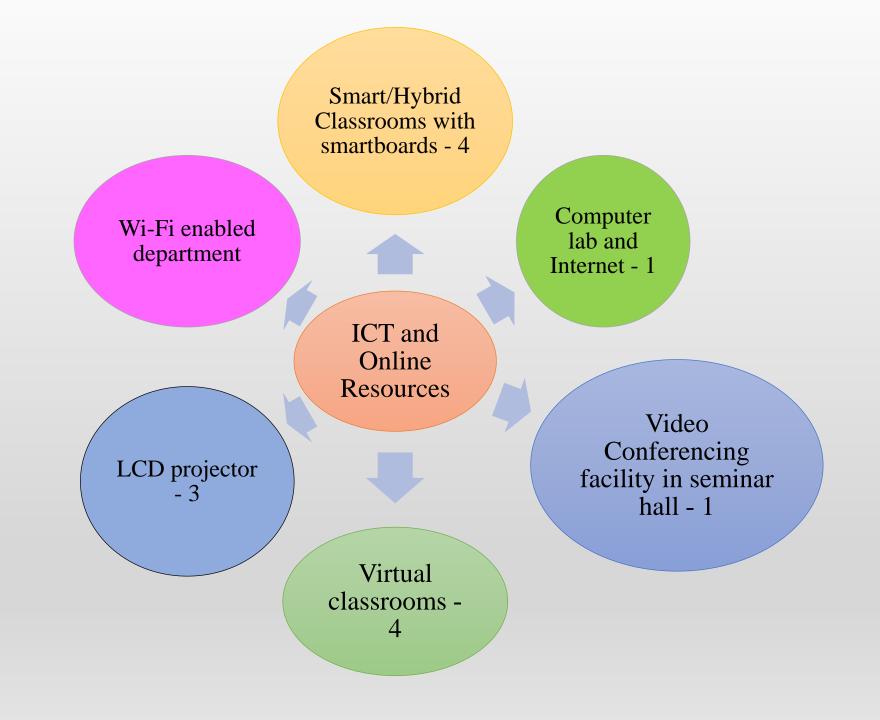
**Special Monitoring classes for slow learners** 

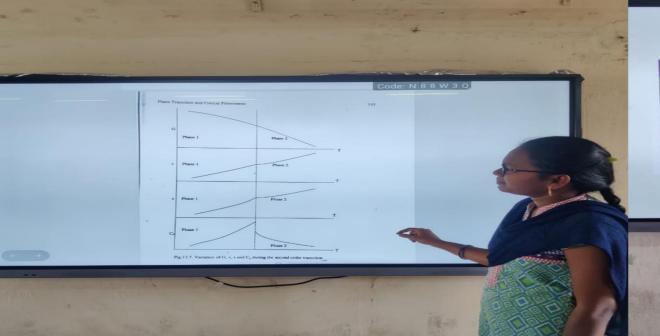
**Workshop attended by Advanced Learners** 







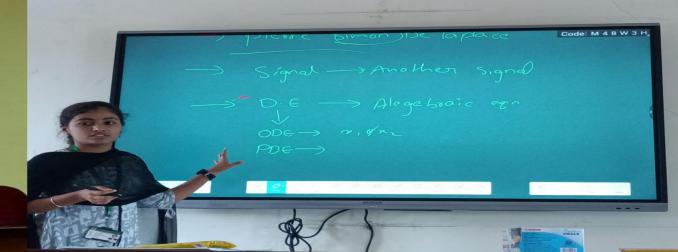






#### Accuracy & precision

, Acqueacy	Precision
Accuracy is closeness with the true value of the quantity being measured.	Precision is a measure of the reproducibility of the measurement.
Measurement can be accurate but not necessarily precise.	Measurement can be precise but not necessarily accurate
It can be determined with a single measurement.	It needs serveral measurementing be determined.
Accuracy may be affected with systematic error.	Precision may be affected with
Accurate values have to be precise in most cases.	Precise values may or may not be accur
Degree of conformity.	Degree of reproducibility.



### STUDENT DEMAND RATIO



			M.Sc F	Physics			
	2017-18	2018-19	2019-20	2020-21	2021-22		
No. of Applications Received	1771	1449	1640	1539	APPGCET has been conducted throughout AP		
No. Of Students Intake	77	69	82	57	51		
Demand Ratio	1:23	1:21	1:20	1:27	APPGCET has been conducted throughout AP		
	M.Sc Space Physics						
	2017-18	2018-19	2019-20				
No. of Applications Received	1683	1400	1507				
No. Of Students Intake	11	10	11				
Demand Ratio	1:153	1:140	1:137				
		M.Sc Ele	ctronics	Instrum	entation)		
	2017-18	2018-19	2019-20	2020-21	2021-22		
No. of Applications Received	1014	1248	1173	810	APPGCET has been conducted throughout AP		
No. Of Students Intake	39	52	51	30	30		
Demand Ratio	1:26	1:24	1:23	1:27	APPGCET has been conducted throughout AP		

			111-		M.Sc P	hysics				
CATEGORY	2017	-18	2018	-19	2019-	-20	2020-21		2021-22	
	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
SC	10	03	08	02	06	04	03	04	04	04
ST	03	01	02	02	03	01	01	02	01	02
OBC	20	18	26	15	35	18	19	14	16	14
GENERAL	08	14	08	06	07	08	08	06	05	05
FOREIGN STUDENTS	00	00	00	00	00	01	01	01	00	00
		M.Sc Electronics (Instrumentation)								
	2017	-18	2018-19		2019-20		2020	2021-22		-22
CATEGORY	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE
SC	02	01	00	00	00	00	00	03	00	01
ST	01	00	00	00	00	00	00	00	00	01
OBC	05	14	09	26	09	25	04	18	06	17
GENERAL	09	07	04	13	04	13	01	04	02	03
					M.S	Space	Physics	lan-	bil in	
CATE	ORY		2017-1	8		2018-19		2019-20		
			MALE	MALE	FEMAL	E M	IALE	FEMALI	E MA	LE
sc			01	01	00		01	01	(	00
S	Ţ.		00	00	00		00	00		00
OB	C		04	02	01		02	06	(	2

GENERAL

#### **RESULT ANALYSIS**



	2	2017-	18	2	2018-	19	8	2019-	20	2	020-2	1`	202	1-22
	Р	SP	E&I	Р	E&I									
NO. OF STUDENTS APPEARED	67	10	38	71	08	21	77	12	37	78	10	45	53	27
NO. OF STUDENTS PASSED	62	80	35	52	04	11	71	10	37	54	07	22	52	27
PASS PERCENTAGE	92	80	92	73	50	52	92	83	100	69	70	49	98	100
FIRST CLASS	40	03	25	51	06	19	37	03	22	45	06	19	41	24
DISTINCTION	12	01	15	09	01	12	06	01	09	09	01	03	11	03

P- PHYSICS, SP- SPACE PHYSICS, E&I- ELECTRONICS (INSTRUMENTATION)

### WORKSHOPS/SEMINARS/CONFERENCES/TRAINING PROGRAMMES ATTENDED BY FACULTY

2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
10	08	03	05	08

#### Ph. D Awarded

2017	14
2018	13
2019	12
2020	12
2021	10
2022	13

#### No Of Research Publications

2017-2022 - 121

2022-2023 - 41

No Of Ph.D's Awarded

2017-2023 -81

#### PATENT PUBLICATIONS



- Analysis of Benzoic acids with nanocomposites for wide angle vision in Liquid Crystal Displays- R.K.N.R.Manepalli
- Field of the Invention- Liquid Crystals with dispersion of nano particles
- ➤ Publication Number: 08/2023

# Research Projects Completed /ongoing and Research Grants received

Name of the Investigator	Funding Agency	Title of the project and duration	Amount sanctioned
Prof. K. Samatha	UGC	SAP (CAS)	Rs.1,13,00,000
Prof. S. Svinivasa	ISRO	ISRO -GBP -ARFI	Rs.1,08,80,226/-
Prof.S.Srinivasa Rao (Co-PI)			
Prof. K. Niranjan	CSIR	Equatorial and subtropical lonosphere Thermosphere studies over Indian region.	Rs.18,25,400
Prof. K. Niranjan	ISRO-GBP	Network of Boundary Layer Experiments	Rs.1,27,20,405/-

#### No. Of Research Scholars- 17 (JRF/SRF/PDF/RA)

s.NO	NAME OF RESEARCH FELLOW	YEAR OF ENROLLMENT	TYPE OF THE FELLOWSHIP
1.	Diana Mojaddedi	2022	ICCSR
2.	A Neelima	2022	SJSGC
3.	Reza Mohammadi	2021	ICCSR
4.	D Kavyasri	2020	CSIR NET JRF
5.	Dr P Peddi Naidu	2020	CSIR PROJECT FELLOW
6.	Tesfay Gebremichael	2020	ICCSR
7.	G M Sravani	2019	DST INSPIRE FELLOWSHIP
8.	D Lissa	2018	DST INSPIRE FELLOWSHIP
9.	S Kiranmayi	2017	BSR FELLOWSHIP
10.	M Bonju Babu	2017	RGNF
11.	V K D Srinivasu	2017	BSR FELLOWSHIP
12.	B Mahesh	2017	ISRO PROJECT FELLOW
13.	P Peddi Naidu	2017	BSR FELLOWSHIP
14.	B Madhavi Latha	2017	BSR FELLOWSHIP
15.	Ch Arun Kumar	2017	RGNF
16.	S J Margarette	2017	MANF
17.	K Sailesh Kumar	2017	RGNF



#### **Full Time Research Scholars-15**

S.No. Name of PhD scholar(FULL-TIME)  P. Mahesh  G.M. Sravani  Tesfay gebrimical reda(FOREIGN)  K.Leela Venkata Naga Sree  U.Venkayamma  L.Kavyasri  Reza Mohammadi(FOREIGN)  A.Neelima  V.Anusha  N.Sudhakar Rao  Dianan Mojaddidi(FOREIGN)  Muppidi Sridevi  V.Syamala  R.Trisanjya		
G.M. Sravani Tesfay gebrimical reda(FOREIGN) K.Leela Venkata Naga Sree U.Venkayamma L.Kavyasri Reza Mohammadi(FOREIGN) A.Neelima V.Anusha L.Raju L.Neudhakar Rao	S.No.	Name of PhD scholar(FULL-TIME)
3 Tesfay gebrimical reda(FOREIGN) 4 K.Leela Venkata Naga Sree 5 U.Venkayamma 6 D.Kavyasri 7 Reza Mohammadi(FOREIGN) 8 A.Neelima 9 V.Anusha 10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	1	P. Mahesh
4 K.Leela Venkata Naga Sree 5 U.Venkayamma 6 D.Kavyasri 7 Reza Mohammadi(FOREIGN) 8 A.Neelima 9 V.Anusha 10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	2	G.M. Sravani
5 U.Venkayamma 6 D.Kavyasri 7 Reza Mohammadi(FOREIGN) 8 A.Neelima 9 V.Anusha 10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	3	Tesfay gebrimical reda(FOREIGN)
6 D.Kavyasri 7 Reza Mohammadi(FOREIGN) 8 A.Neelima 9 V.Anusha 10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	4	K.Leela Venkata Naga Sree
7 Reza Mohammadi(FOREIGN)  8 A.Neelima  9 V.Anusha  10 A.Raju  11 N.Sudhakar Rao  12 Dianan Mojaddidi(FOREIGN)  13 Muppidi Sridevi  14 V.Syamala	5	U.Venkayamma
A.Neelima  9 V.Anusha 10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	6	D.Kavyasri
9 V.Anusha 10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	7	Reza Mohammadi(FOREIGN)
10 A.Raju 11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	8	A.Neelima
11 N.Sudhakar Rao 12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	9	V.Anusha
12 Dianan Mojaddidi(FOREIGN) 13 Muppidi Sridevi 14 V.Syamala	10	A.Raju
13 Muppidi Sridevi 14 V.Syamala	11	N.Sudhakar Rao
14 V.Syamala	12	Dianan Mojaddidi(FOREIGN)
	13	Muppidi Sridevi
15 R.Trisanjya	14	V.Syamala
	15	R.Trisanjya









### **UGC-SAP LABORATORY**





#### ATMOSPHERIC AND SPACE PHYSICS LAB









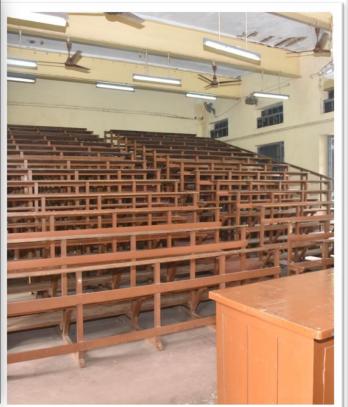
### LIQUID CRYSTALS NANO COMPOSITES LAB

### CLASSROOMS













### Teachers in administrative positions



➤ Prof. V. Veeraiah-

Former Vice-Chancellor(10-04-2015 to 08-04-2018), Vikrama Simhapuri University.

➤ Prof.K.Niranjan-

Former Registrar (2018-2019), Andhra University Dean Academic Affairs (2016-18), Andhra University

➤ Prof.K.Samatha-

Rector, Andhra University, 24-07-2020 to till date.

➤ Prof.M.Ramakrishna Nancharao-

Coordinator, AAL since 2021.

➤ Prof.S.Srinivasa Rao-

Coordinator, Central Examinations Spot Centre, since 2021.

### List of Major equipment



> DSA 5000 M (Density and Sound Velocity	➤ Magnetic Stirrer with hot plate
Meter)	

- > Impedance Analyzer With test probes
- **→** High pressure Autoclave
- > 1400 °C & 1800 °C Program Controlled Box Furnaces
- > Sonicator Bath

> P-E Loop Tracer

> 0.1 mg Analytical Balance

**d33 Measurement Unit** 

> Multi Wavelength Solar Radiometer

> Polarizing Optical Microscope

Respirable Sampler

> Digital Birefringent Spectrometer

**➤** Magnetic Stirrer with hot plate

**➤ Hot Air Oven** 

> GNSS Receiver

### Awards to students



#### **Prof. Suri Bhagavantham Prize**

➤ 2017-2018: G.M Sravani, Eram Khan

➤ 2018-2019: D.Kavyasri KAKD Prasad

➤ 2019-2020: CH.VasanthaRani, K.Sri Harshitha

➤ 2020-2021: G.Manasa,
M.Jaya Lakshmi

➤ 2021-2022: B.Preethi
D.Satya Prasad

#### Prof. P. Tiruvenganna Rao Shastiabdipoorthi Prize

➤ 2017-2018: Dr. B. Brahmaji

≥2018-2019: Dr. Manoj M. R.

➤ 2019-2020: Dr. GVS. Jayapala Rao

≥2020-2021: Dr. Chandana Ghanta





# AWARDS/MEDALS TO MERITORIOUS STUDENTS IN EVERY CONVOCATION

- S.B.P.V.Rama Mohan Rao Memorial Prize
- >Sripada Gopalakrishna Murty Memorial
- Gold Medal
- ➤ The Metcalf Prize
- ➤ Sri Venkateswara Prize
- ➤ Prof. Kandual Lakshmi Kantham Prize
- ➤ Smt.B.Suseela & Prof.B.Ramachandra Rao
- Shastiabdipoorthi Prize
- ➤ Prof.K.Subba Raju Shastiabdipoorthi Prize
- ➤ Prof. K.Rangadhama Rao Centenary
- Celebrations Gold Medal
- ➤ Prof.P.V.S.Rama Rao & Smt.Vijaya Lakshmi Shastiabdipoorthi Prize

- ➤Mr.&Mrs. Pothinasinganna & Jayalakshmi Gold Medal
- ➤ Prof.B.RamachandraRao Shastiabdipoorthi
- Prize
- ➤Sri Rayasam Narasimha Murty Memorial Prize
- ➤ AU 1973-76 Physics Alumni award prize
- ➤ Sri Vadlamani Venkata Subba Rao Memorial
- Prize
- ➤1986-89 Alumni prize
- Smt.Nozneen Ahmed & Prof.IqhabalAhamed
- Shastiabdipoorthi Prize

#### MEDALS/ PRIZES DURING CONVOCATION







#### Certificate of Merit

This is to certify that GOKADA MANIKANTA SRAVANI has been awarded the following Prizes/Madals for securing first rank in Master of Science in Physics for the academic year 2017-2018.

The Prize/Medal is awarded in recognition of the merit at the 87th-90th Cambined Convocation of Andhra University held on September 9, 2023.

- 1. S.B.P.V.Rama Mohan Rao Memorial Prize
- 2. Sripada Gopalakrishna Murty Memorial Gold Medal
- 3. The Metcalf Prize
- 4. Sri Venkateswara Prize
- 5. Prof. Kandual Lakshmi Kantham Prize
- 6. Smt. B. Suseela and Prof. B. Ramachandra Rao Shastiabdipoorthi Prize
- 7. Prof. K. Subba Raju Shastipoorthi Prize
- 8. Prof. K. Rangadhama Rao Centenary Celebrations Gold Medal
- 9. Prof. P.V.S.Rama Rao and Smt. Vijaya Lakshmi Shastiabdipoorthi Prize
- 10. Mr. & Mrs. Pothinasinganna & Jayalakshmi Gold Medal
- 11. Prof. B. Ramachandra Rao Shastiabdipoorthi Prize
- 12. Sri Ravasam Narasimha Murty Memorial Prize
- 13. AU 1973-76 Physics Alumni award prize for Physics
- 14. Sri Vadlamani Venkata Subba Rao Memorial Prize
- 15. 1986-89 Alumni Prize
- 16. Smt. Nozneen Ahmed & Prof. Ighabal Ahamed Shastiabdipoorthi Prize
- 17. Prof. Tata Suryanaryana Somayaji and Smt Tata Dharamavathi Commoerate Gold Medal

Visakhapatnam, September, 9, 2023







Certificate of Merit

This is to certify that DEGALA KAVYASRI has been awarded the following Medals/Prizes for securing first rank in Master of Science in Physics for the academic year 2018-2019.

The Prize/Medal is awarded in recognition of the merit at the 87th-90th Combined Convocation of Andhra University held on September 9, 2023.

- 1. S.B.P.V.Rama Mohan Rao Memorial Prize
- 2. Sripada GopalakrishnaMurty Memorial Gold Medal
- 3. The Metcalf Prize
- 4. Sri Venkateswara Prize
- 5. Prof. Kandual Lakshmi Kantham Prize
- 6. Smt. B. Suseela and Prof. B. Ramachandra Rao Shastiabdipoorthi Prize
- 7. Prof. K. SubbaRaju Shastipoorthi Prize
- 8. Prof. K.RangadhamaRao Centenary Celebrations Gold Medal
- 9. Prof. P.V.S.Rama Rao and Smt. Vijaya Lakshmi Shastiabdipoorthi Prize
- 10. Maharaja Doctor Vikram Deo Varma Medal
- 11. Mr. & Mrs. Pothinasinganna & Jayalakshmi Gold Medal
- 12. AU 1973-76 Physics Alumni award prize for Physics
- 13. Sri Vadlamani Venkata Subba Rao Memorial Prize
- 14. 1986-89 Alumni Prize
- 15. Smt. Nozneen Ahmed and Prof. Iqhabal Ahamed Shastiabdipoorthi Prize
- 16. Prof. Tata Suryanarayana Somayaji and Smt. Tata Dharamavathi Commoerate Gold

Visakhapatnam, September, 9, 2023





### OTHER FACILITIES TO STUDENTS



- > RO WATER PLANT
- > FIRST AID KIT
- > READING ROOM
- > GRIEVANCE REDRESSAL CELL
- > ANTI RAGGING CELL
- > CAREER COUNSELLING
- > DEPARTMENT LIBRARY



### **Library and e-Content**

- Total number of books in the department library 10,848
- New books acquired: 545 during the period 2017-2022
- E-content developed by the faculty and the activity geared up due to the need during the pandemic and blended modes of teaching and learning is being implemented.





### STUDENT SUPPORT PROGRAMS





All teachers are nominated as student counselors. Also, Proctorial system is adopted by allotting some students to each teacher for counseling and guidance.

Orientation Programmes
Add on Courses
Short term Training
Programmes
Field Trips
Project Works

Guest Lectures have been arranged with the cooperation of Faculty for students in various topics

Students also visited ISRO –SHAR Centre and NSTL as a part of their curriculum during M.Sc

**Reading Room** 

A student operated Reading room was created with 24x7 access to the students with all textbooks

### STUDENT SUPPORT PROGRAMS





Besides student's fresher's and farewell functions, Teacher's day and Science day are regularly celebrated every year by organizing meetings with students and staff

## NET and GATE Orientation Programme

Besides regular guidance
We encourage students to interact with NET
and GATE Qualified students from earlier
batches by Organizing interaction sessions

Social awareness & Soft skills

A Computer center is maintained in the Department and Guest Lectures on spoken English and social aspects are being organized periodically for students progression

#### STUDENTS PROGRESSION

,	
M.S.	
Stewart	
and a	్థ్రవిశ్యే పరిషత్

YEAR	PLACEMENTS	HIGHER EDUCATION (Ph. D/GATE/AP- SET/CSIR- NET/UGC-NET)
2017-2018	47	03
2018-2019	48	04
2019-2020	34	04
2020-2021	52	04
2021-2022	47	05



Major recruiters are from BYJU's AKASH, FIT-JEE, Sri Chaithanya, Sri Prakash, Avantel, Dr. Reddy's Foundation etc,

#### PROMINENT ALUMNI

NAME	ORGANIZATION	NAME	ORGANIZATION
Dr.M. Krishna	Worked as Chief	Prof.K V S Ramana	Worked as Professor,
Murthy	Controller, DRDO		IIT Chennai
Dr.E. Bhagiratha Rao	Worked as Director,	Dr. J V Ramana Rao	Worked as Director,
	DRDO		DRDO
Dr.I. Achyuta Rao	Worked as Director,	Dr. T R S Reddy	Worked as Director
	DRDO		DRDO
Prof.P. Bala Rama	Worked as Director,	Dr. E V R Rao	Worked Director, ECIL
Rao	ISRO		Hyderabad
B V S MURTHY	Worked DGM, ECIL	Dr. C A Reddy	Worked as Director,
	Hyderabad		ISRO
Prof.D V G L	Distinguished	HRS Sastry	Worked as Director,
Narasimha Rao	Professor of University		DRDO
	of Massachusetts, USA		
Dr. P R PANT	Worked as DGM,	Prof.J. Sobhanadri	Worked as Professor,
	Survey of India		IIT Chennai
Dr. Prasada Rao T. A	Worked as Professor,	Dr.D. Sangameswara	Worked as Scientist H,
	IIT Chennai	Rao	DRDO
Prof.Raja Ratnam S	Worked as Professor,	Dr. R V Narayana	Worked as Scientist H,
	VNR Vignyanjyothi		DRDO
	College		
Sri C. Rama Rao	Worked as Scientist,	Dr. P Raghavendra	Worked as Scientist G,
	DRDO	Rao	DRDO, Hyderabad

NAME	ORGANIZATION	NAME	ORGANIZATION
Dr. H S Rama Rao	Worked as Director, DRDO	Dr.P. Purushothamudu	USA
Dr. D NRU	Worked as Scientist, DRDO	Sri. T Rambabu	ISTRAC, Bangalore
P. Prabhakara Rao	General Manager, ECIL	Dr.T. Buchi Venkata Rao	Scientist, IGCAR, Kalpakkam, Tamil Nadu
Dr. U V Girish Kumar	Former Head, Indian Oil Corporation	Dr. Kamineni K Bose	Virginia, USA
L Girish Kumar	Worked as G M, Andhra Bank	Dr. P T Jayachandran	University of New Brunswick, Alfornia
Prof.P B Rao	Former Director, NARL& Vice-Chairman, ADCOS, ISRO	Prof.A V Subramanyam	IIT Madras
Prof.B V Krishna Murthy	Former Director, SPL, VSSC, Trivandrum	Dr. Srikanth	Scientist, ISRO
Prof.J H Sastri	Former Director, IIA, Bangalore	Dr. Durga Prasad	Scientist, PRL
Sri Y V S T Sai, IRS	Former Secretary, APPSC, ANDHRA PRADESH	Dr. Venkatesh	Scientist, PRL
Dr. C Murali	National Cancer Institute,	Madhavan	Scientist, IIRS

### ALUMNI CONTRIBUTIONS AND THEIR INTERACTION

#### **1971-73 Batch**

- 2KV inverter + Batteries –Rs.36,965/-
- ➤ Ahuja Amplifiers with mic's(3)-Rs.48,600/-
- ➤ Digital Trainer Kits-01(for digital electronics lab)

#### **1975-77 Batch**

- Function generators-03
- Dual Trace Oscilloscope-03
- Variable Power Supply-03
- Multimeters(Mastech)-02

- ➤Dr. G.V.N.Apparao-Rs.41000/-
- ➤ Digital IC Trainers-5 sets
- ≻Sri. V. V. Raghavulu-
- Rs.1,33,978/-
- ➤ Used for Department
- development works.

#### **1981-83 Batch**

- ➤ Dr.K.Mahesh, USA-Rs.75,000/-
- ➤ Used for repairing oblique renovation of switchboards of galleries, classrooms and labs.



On behalf all the Department of Physics, Jednas University, I am extremely lawys to destrooking the receipt of an amount of its Jouis-2014. [I hope took belt Tittee Hundred Himy Yolin and Security File Philas celly as dentation by for Vasamentiff Veren-Haghbould, Journan, Department of Physics (1975-77 batch) through chopus ha. 282453 didted GH-62-2023 for the Department of Physics, Selbon was handed over by Prod. Aranament to the Head, Department of Physics, College of Science & Technology, Andrea University.

would humbly like to extend our grateful thanks to Sri Vasamsetti Veera Raghavulu, nnus, Department of Physics (1973-77 batch) for providing the financial support.

de. The amount will be utilized as per your instructions only.

Best regards.

D.B. VILCO al 2/6/23





ear Customer,

hour court has been credited for NEFT received as per the details given belo

tended to New Arr. YYSS32

Amount: INR 75,000.00
UTR No.: IOBAN23079013056
Date: 20/03/2023
Sent by: U.A. NARASAYYA
Sender Rank IESC: IOBAN00121

This is an auto generated mail. Please do not reply to this message or on this email add For any query, please contact our toll-free number 1800-112-211.

Do not disclose any confi

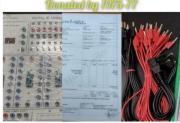


Proceed with the same to the street of the SN yellight have an exercise in \$4,000 for income For III or one Tradition and only to may to come too to 0000 295 to 18 -4-205 min HDE. When the Spirit of the SN yellight of the SN yellight of the SN yellight of the SN yellight of S

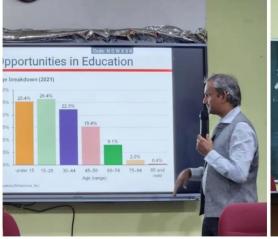
Date: 20-5-2023 As per the D.O. Letter No. DGIT(E) / 8

ner the D.O. Letter No. DGIT(E) / 80G / 93-94 / 8347, dated 15-12-93 of the Director General (Income T imptions) Income Tax Department addressed to the Vice-Chancellor of the Andhra Universit Jonatons given to the Andhra University are exempted 100% from Income Tax under section 80G (2) (a) (a)













#### Gender Sensitization:

- To ensure a safe space & to promote healthy environment
- Focus on programs to promote women empowerment and gender equality
- Celebrating National Women's day every year and essay writing competition is conducted for girl students.
- Women's grievance cell
- > Debates and elocutions on Gender equality

#### Anti ragging:

Anti Ragging committee has been constituted in the campus with teaching faculty to avoid ragging and to create a friendly environment among the seniors and junior students.











్లు, ఎ.గ్.ఎ.గ్.జ. సబ్బాక్స్ మహిళల రకాల నేరాలు మరియు బు సాంధారతపై నే సార్క్ బ్రభుత్వ హిరెన్స్ లెడ్డించడానికి ఇంటరా అర్వుడు మాత్రం కే బుంటరాక్షిక్ నాషన్ అంటరా ప్రార్టుకున్నారు. మాత్రం కే మీక్ష్మ హిందరున్నారు. మాత్ర్ తక్క హెక్ చరకు ఛారదరేశంలోని వివిధ ఎంద మహిళా కముస్ ప్రేకిరిప్పుగలు ందే పాల్గొన్నారు. ఈ సందర్భంగా సభలో పాల్గొన్నారు. ఈ సందర్భంగా సభలో మాత్రం ప్రార్టిత్తున్నారు. సారలో మాత్రం ప్రభుత్వ మరియే సారలో మాత్రం ప్రార్టిత్తున్నారు. సారలో మాత్రం ప్రార్టిత్తున్నారు. సారలు, ఆరోగ్యం, నంతోకుం, కార్లప్రయాలును మీకి

నేరాలు మరియు దుర్వినియోగాల నుండి ర రక్షించడానికి మహిళా సాధికారత క్రమాలలో మహిళల భక్రతమ నిర్వారించడం ముఖ్యమైన భాగంగా మారుతోంది. రాష్ట్రంలో కల రక్షణకు ఏమీ ప్రభుత్వం అన్ని చర్యలు

తీసుకుంటోందని అన్నారు. ఈ కార్యభువానికి ఎంపిక చేసిన కళాశాలం విద్యార్థి ఇ్యంచిన హీలీసులు చిశంరయ్యారు కార్మక్రమంలో గాయింంటి తోగిమ్మలు పాటరయ్యారు కార్మక్రమంలో గాయింంటి తోగిమ్మ సుహికా కార్ము, (ప్రోగ్యాం అసినరు సార్యాన్నారు. నిమనీరో సాంచినికి కార్మక్రమాలను పేఓ ఈ హెంకెఓటీ దా. 8. మాటికి మూరి సమీస్వుయం చేశాలు. గాయింటి ఇంటి కారేజ్ విద్యార్థులు కేర్వతీ, నిమారిక, మర్దిలి మరియ పతివిన హారీ శక్తి! (మహిరిక, మర్దిలి మరియ ఎంటెవిన్ హారీ శక్తి! (మహిరా సారితారక) అని

సుంచి సృఖ్యాలను ప్రవర్శించారు. దీనికి ముఖ్య జతీ రారత పరియు అత్తర భారతదేశం సుంచి దృశ్యేశంల దరం పర్చిన ప్రతినిధికులందరసుంది గొప్ప ప్రశిశ్రంతు ప్రంతా అండుకున్నారు. వారు భారతీరు ప్రేమ ఎదుకా? ర్యులు పోరామాలను మరియు మహిసానినుర మర్గినిని గాలు మరియు మహిసానినుర మర్గినిని గాలు మరియు మరియు మహిసానినుర మర్గినిని గాలు మరియు మరియు మరియు మరియు మరియు ప్రవర్శనుకు అందరి సుంచి ప్రణ్యేకి ప్రశిశ్రం అండుకుంట, ప్రస్తినితో డ్యాక్టర్ మేశంలో స్టేమల్ సై

> కార్యుక్రమాన్ని నిర్వహించారు. అతిథులకు, విద్యార్భులకు జ్ఞాపికల ప్రవంసాపణాలు అందజేశారు. ద్రోగ్రాం ఆఫీస దాకర్ జె.నిరుల, వెఎస్ అర్ సిపి మహి







#### **Waste Management:**

- Waste is collected in dustbins and disposed to university's centralized waste management system.e-waste is separately collected and disposed by GVMC.
- Separate measures are taken for solid, liquid, and hazardous chemical waste management.

#### **Water conservation:**

- Wastewater lines from toilets, washrooms, canteen are connected to the Municipal drainage system.
- Rainwater harvesting pits around the department building for water conservation.





#### **Green Campus:**

- Restricted entry of automobiles once in a week
- Pedestrian friendly pathways
- Use of plastic is banned in the campus
- Medicinal plants garden
- Landscape gardens

#### **Disable friendly environment:**

- Ramps are provided for easy access to classrooms and centres by disable students.
- Disabled friendly washrooms.



### NATIONAL SCIENCE DAY



### NATIONAL TEACHER'S DAY







#### NATIONAL WOMEN'S DAY



#### BEST PRACTICES



Hands - on Learning - Experiential learning through Observations and mini projects.

Student-faculty interactions.

Regular Counseling sessions on career opportunities and current science aspects.

Field visits and industrial visits.

Student seminars and presentations.

Alumni interactions with staff and students.

Every Saturday students and staff participate in Swachh Bharat.

Celebration of national and international prominence days.

### INDUSTRIAL VISITS

















### **GUEST LECTURES**





### EXTRA CURRICULAR ACTIVITIES











### SWACHH BHARATH







### OTHER PROMINENT DAY CELEBRATIONS



# PARTICIPATION IN SOCIAL SERVICE







#### FUTURE PLANS



Focus on interdisciplinary research collaborations with national importance research laboratories and institutions to address complex real-world challenges.

Planning to offer online Diploma/ Certificate courses and to develop Virtual labs. To offer M.Sc. Physics with Space Physics Specialization and nanomaterials specialization.



