HINDI MAHAVIDYALAYA

(AUTONOMOUS & AFFILIATED TO OSMANIA UNIVERSITY)

DEPARTMENT OF PHYSICS

(UNDER GRADUATE LEVEL)

Brief History of the Department

The Department of Physics in Hindi Mahavidyalaya, Vidyanagar, Hyderabad established in the year 1978 with B.Sc (MPC) in Hindi medium. Later, due to the lack of students in Hindi medium it got changed into the English medium in the year 2016 with another group MPCs.

In the year 2019 with the combination of B.Sc(MPC) at UG level keeping in view the need for strengthening its Physical Sciences Wing and growing competition in the IT and Science fields.

VISION

As a Nationally Recognized Autonomous College , we will create elite knowledge and technologies in the field of physical sciences as a multidisciplinary field. We will be taking care of the satisfaction and education of top-level personnel through good organization and state-of-the-art equipment. We will ensure our long-term development in close association with the society and the business sector. The department will prepare for excellent graduate education in the courses it is going to offer and the diverse research opportunities..

MISSION

The mission of the Department of Physics in Hindi Mahavidyalaya is to create a new fundamental knowledge in the field of Physics , create a new knowledge with basic research in the field of Physics. Provide the students of our graduate program with a very clear choices of research areas . The department will provide excellent graduate education in the courses it is going to offer. We are committed to excellence in our teaching, and we strive to develop each student's ability to acquire and critically interpret knowledge of basic facts and theories of Physics .

OBJECTIVES

- To inculcate the habit of independent thinking and problem solving.
- To prepare the students reach out look for various fields.
- Identify and focus the students to the current issues and challenges in the field of Physics.
- To train the students in such a way that the knowledge acquired can be practically implemented for solving various problems encountered in the personal as-well-as professional life.

Department of Physics Contribute the Data to NA
Coordinator in different Criterions

Criterion 1 - CURRICULAR ASPECTS

- The Head of the Department and other faculties in the Department prepare the Departmental Action Plan in the academic year with help of college academic Calendar.

- The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the Principal and All Head of Departments prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic and business inputs.

- Teach your students how to write a diary entry with this lesson plan. Students will watch a video lesson that gives proper format, ideas and examples, then they will create their own diary for personal use.

- The Board of Studies (BoS) is the basic constituent of the academic system of our Institute. Its functions will include framing the content of various courses, reviewing and updating the content from time to time, introducing new courses of study etc

CURRICULAR ASPECTS

Template	Nature of Template			2017-18	2018-19	2019-20	2020-21	2021-22
1.1.2	Percentage of Programmes where syllabus revision was carried out during the last five years.	UG	I yr	Nil	Nil	Nil	20%	Nil
			II yr	100%	Nil	Nil	Nil	20%
			III yr	Nil	100%	Nil	Nil	Nil
1.1.3	Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years			100%	100%	100%	100%	100%
1.2.1	How many new courses are introduced within the last five years	UG						
1.2.2	Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).			100%	100%	100%	100%	100%
1.3.2	Number of value-added courses for imparting transferable and life skills offered during last five years			Nil	Nil	Nil	Nil	Nil
1.3.2.1	How many new value-added courses are added within the last five years			Nil	Nil	Nil	Nil	Nil
1.3.3	Number of students enrolled in the courses under 1.3.2 above.			Nil	Nil	Nil	Nil	Nil
1.3.4	Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)			Nil				
1.4	Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumn			We receive the feedback from students on review of syllabus & on teacher				

DEPARTMENT OF PHYSICS

PROGRAMME OUTCOMES

After the completion of the Programme, Students will be able to

PO1: Apply the Basic principles of Physics to the events occurring around us and also in the world.
PO2: Try to find out or analyze scientific reasoning for various things.
PO3: Develop ability to work in group.
PO4: Develop capacity of critical reasoning, judgment and communication skills.
PO5:Develop abilities for logical thinking.
PO6: Apply the knowledge to develop the sustainable and eco friendly technology for pollution free environment.
PO7: Collaborate effectively on team oriented projects in the field of Physics.
PO8: Communicate scientific information in a clear and concise manner both orally and in writing or through audio and video presentations.
PO9: Become empowered to face the challenges of the changing universe.
PO10: Be initiated into the basics of research.

SPECIFIC PROGRAMME OUTCOMES

This undergraduate course in Physics Would provide the opportunity to the students:

SPO1: To understand the basic laws and explore the fundamental concepts of physics

SPO2: To understand the concepts and significance of the various physical phenomena.

SPO3: To carry out experiments to understand the laws and concepts of Physics.

SPO4: To apply the theories learnt and the skills acquired to solve real time problems.

SPO5: To acquire a wide range of problem solving skills, both analytical and technical and to apply them.

SPO6: To enhance the student's academic abilities, personal qualities and transferable skills this will give them an opportunity to develop as responsible citizens.

SPO7: To produce graduates who excel in the competencies and values required for leadership to serve a rapidly evolving global community.

SPO8: To motivate the students to pursue PG courses in reputed institutions.

SPO9: This course introduces students to the methods of experimental physics. Emphasis will be given on laboratory techniques specially the importance of accuracy of measurements.

SPO10: Providing a hands-on learning experience such as in measuring the basic concepts in properties of matter, heat, optics, electricity and electronics.

DEPARTMENT OF PHYSICS

SEM-I MECHANICS (PAPER I)

After the completion of the course, Students will be able to

CO1: The students would learn about the behaviour of physical bodies it provides the basic concepts related to the motion of all the objects around us in our daily life.
CO2: The course builds a foundation of various applied field in science and technology; especially in the field of mechanical engineering.
CO3: The course comprises of the study vectors, laws of motion, momentum, energy, rotational motion, gravitation, fluids, elasticity and special relativity.

SEM-II THERMAL PHYSICS (PAPER II)

After the completion of the course, Students will be able to

CO1: The course makes the students able to understand the basic physics of heat and temperature and their relation with energy, work, radiation and matter.
CO2: The students also learn how laws of thermodynamics are used in a heat engine to transform heat into work.
CO3: The course contains the study of laws of thermodynamics, thermodynamic description of systems, thermodynamic potentials, kinetic theory of gases, theory of radiation and statistical mechanics.

SEM-III ELECTROMAGNETISM (PAPER III)

After the completion of the course, Students will be able to

CO1: It gives an opportunity for the students to learn about one of the fundamental interactions of electricity and magnetism, both as separate phenomena and as a singular electromagnetic force.
CO2: The course contains vector analysis, electrostatics, magnetism, electromagnetic induction and Maxwell's equations.
CO3: The course is very useful for the students in almost every branch of science and engineering.

SEM-IV WAVES AND OPTICS (PAPER IV)

After the completion of the course, Students will be able to

CO1: The course comprises of the study of superposition of harmonic oscillations, waves motion (general), oscillators, sound, wave optics, interference, diffraction, polarization.
CO2: The course is important for the students to make their career in various branches of science and engineering, especially in the field of photonic engineering.

SEM-V MODERN PHYSICS (PAPER-V)

After the completion of the course, Students will be able to

CO1: Students would know about the basic principles in the development of modern physics.
CO2: The topics covered in the course build a basic foundation of undergraduate physics students to study the advance branches: quantum physics, nuclear physics, particle physics and high energy physics.
CO3: The course contains the study of Planck's hypothesis, photoelectric effect, Compton effect, matter waves, atomic models, Schrodinger wave equations, and brief idea of nuclear physics.

SEM-VI BASIC ELECTRONICS (PAPER VI)

After the completion of the course, Students will be able to

CO1: The students would gain the knowledge of Basic Electronics circuits, network theorems and measuring instruments.
CO2: They would know about common solid state devices: Semiconductor diodes and transistors.
CO3: The topics also include the Rectifiers, Filters and their applications, number systems and logic gates which are foundation blocks of digital electronics.
CO4: Students would learn about electronic circuits such as Amplifiers and Oscillators.
CO5: Various types of Amplifier and Oscillator circuits their working and applications in in domestic, industrial and scientific devices/equipments.

Courses Offered

Under Graduate Level: B.Sc. (MPC, MPCS)

Criterion 2 – Teaching learning and Evaluation

Present Faculty

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. B. Sreedevi	M.Sc.(Physics),Ph.D	Associate Professor, Vice principal	Electronics(M.Sc), Liquid Crystals(Ph.D)	39
M. Shivaleela	M.Sc.(Physics)	Assistant Professor	Electronics and Instrumentation	1
Soma keerthi	M.Sc.(Physics)	Assistant professor	Electronics and Instrumentation	1

Student Profile

Category wise Student Strength

B.Sc. Physics Student Strength (2017-18 to 2021-22)

Year	2017 - 18			2018 - 19			2019 – 20			2020 - 21			2021 - 22		
Category	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
SC	04	0	04	01	0	01	02	0	02	02	02	04	05	01	06
ST	0	0	0	01	0	01	01	0	01	01	0	01	03	0	03
BC	18	03	21	16	03	19	25	03	28	09	01	10	16	03	19
GENERAL	01	0	01	04	02	06	05	03	08	05	01	06	04	01	05
MINORITY	0	0	0	01	0	01	0	0	0	0	0	0	0	0	0
TOTAL	23	03	26	23	05	28	33	06	39	17	04	21	28	05	33

BSC PHYSICS I YEAR 2017- 18

Group	SC				ST				BC				Minority				Gen			
	M	F	M%	F%	M	F	M%	F%	M	F	M%	F%	M	F	M %	F %	M	F	M%	F%
MPCS	04	0	17.3	0	0	0	0	0	18	03	78	100	0	0	0	0	01	0	4.3	0

BSC PHYSICS I YEAR 2018- 19

Group	SC				ST				BC				Minority				Gen			
	M	F	M%	F%	M	F	M%	F%	M	F	M%	F%	M	F	M %	F %	M	F	M%	F%
MPCS	01	0	4.3	0	01	0	4.3	0	16	03	69.5	60	01	0	4.3	0	04	02	17.3	40

BSC PHYSICS I YEAR 2019- 20

Group	SC				ST				BC				Minority				Gen			
	M	F	M%	F %	M	F	M %	F %	M	F	M%	F%	M	F	M %	F %	M	F	M%	F%
MPC	0	0	0	0	3	0	17.6	0	12	0	70.5	0	0	0	0	0	2	0	11.7	0
MPCS	2	0	5.26	0	1	0	2.63	0	25	3	65.7	7.89	0	0	0	0	4	3	10.5	7.89

BSC PHYSICS I YEAR 2020- 21

Group	SC				ST				BC				Minority				Gen			
	M	F	M%	F%	M	F	M%	F %	M	F	M%	F%	M	F	M %	F%	M	F	M %	F %
MPC	1	0	14.2	0	0	0	0	0	3	2	42.85	28.57	0	0	0	0	1	0	14.2	0
MPCS	2	2	10	10	1	0	5	0	8	1	40	5	0	0	0	0	5	1	25	5

BSC PHYSICS I YEAR 2021- 22

J’’’	SC				ST				BC				Minority				Gen			
	M	F	M%	F%	M	F	M%	F %	M	F	M%	F%	M	F	M %	F%	M	F	M %	F%
MPC	2	1	16.66	8.33	1	0	8.33	0	4	0	33.33	0	0	0	0	0	4	0	33.3	0
MPCS	5	1	15.15	3.03	3	0	9.09	0	17	2	51.51	6.06	0	0	0	0	4	1	12.1	3.03

TEACHING – LEARNING PROCESS

- In the beginning of the Academic year the department plans and organizes Teaching-Learning and Evaluation Plan of the Academic year.
- As part of the teaching-learning process the department has adopted the following Student Centric activities in addition to Lecture method to improve the student learning.
- Student seminars and Assignments, Student projects, Group discussion
- ICT Based Teaching like PPT's , INFLIBIT and E-books
- Conducting Mathematics quiz.
- Frequent Class Text
- Previous Year Question Papers Discussed in the class Rooms

EVALUATION PROCESS

Continuous evaluation of the students is done by

- Internal Assessments
- Conducting Students Seminars
- Assignments
- End Semester Examinations

B.Sc PHYSICS RESULT ANALYSIS

YEAR	PAPER	APPEARED	PASSED	PERCENTAGE
2016-2017	PHYSICS-I	23	16	69.57
	PHYSICS-II	22	11	50
2017-2018	PHYSICS-I	25	12	48
	PHYSICS-II	22	10	45.45
	PHYSICS-III	30	19	63.33
	PHYSICS-IV	23	13	56.52
2018-2019	PHYSICS-I	27	21	77.78
	PHYSICS-II	21	19	90.48
	PHYSICS-III	21	19	90.48
	PHYSICS-IV	22	20	90.91
	PHYSICS-V	40	33	82.5
	PHYSICS-VI	29	17	58.62
	PHYSICS-VII	20	20	100
	PHYSICS-VIII	20	19	95
2019-2020	PHYSICS-II	51	51	100
	PHYSICS-III	26	23	88
	PHYSICS-IV	25	25	100
	PHYSICS-V	20	16	80
	PHYSICS-VI	20	15	75
2020-2021	PHYSICS-I	28	28	100
	PHYSICS-II	26	17	65
	PHYSICS-III	51	51	100
	PHYSICS-IV	48	47	98
	PHYSICS-V	25	25	100
	PHYSICS-VI	25	25	100
	PHYSICS-VII	25	25	100
	PHYSICS-VIII	25	25	100

Criterion 3 – Research Innovations and Extension

Template	Nature of Template	2017-18	2018-19	2019-20	2020-21	2021-22
3.1.2.1	The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).	Nil	Nil	Nil	Nil	Nil
3.1.3.1	The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years	Nil	Nil	Nil	Nil	Nil
3.2.1.1	Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)	Nil	Nil	Nil	Nil	Nil
3.2.2.1	Number of teachers having research projects during the last five years	Nil	Nil	Nil	Nil	Nil
3.2.4.1	Number of departments having Research projects funded by government and non-government agencies during the last five years	Nil	Nil	Nil	Nil	Nil
3.3.2.1	Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development year-wise during the last five years.	Nil	Nil	Nil	Nil	Nil
3.4.3.1	Number of research papers in the Journals notified on UGC website during the last five years	Nil	Nil	Nil	Nil	02
3.4.4.1	Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years	Nil	Nil	Nil	Nil	Nil
3.5.1.1	Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).	Nil	Nil	Nil	Nil	Nil
3.5.2.1	Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)	Nil	Nil	Nil	Nil	Nil
3.6.2.1	Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.	Nil	Nil	Nil	Nil	Nil
3.7.1.1	Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work	Nil	Nil	Nil	Nil	Nil
3.7.2.1	Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years	Nil	Nil	Nil	Nil	Nil

RESEARCH ACTIVITIES BY THE FACULTY

Dr. B. Sreedevi

S.No.	Title of the Article	Name of the Journal	Bibliographic information Year of Publication
1	Influence of Hyd Bonding on phase abundance in FLCs	Liquid crystals (Taylor & Francis Group)	ISSN NO – 0267-8292 YEAR - 2004
2	Tilt angle spontaneous polarization & LF dielectric relaxation investigations in N*&C* phases of HBFLC- 11BPA	Ferro electrics (Taylor & Francis Group)	ISSN NO – 0015-0193 YEAR - 2007
3	Influence of hydrogen bonding on device parameters & field response in N*&C* phases of HBFLC-12bpa	Molecular crystals liquid crystals (Taylor & Francis Group)	ISSN NO – 1542-1406 YEAR - 2009
4	Inductive effect for phase stability in HBFLC X-(p/m) BA : 90BAs	Liquid crystals (Taylor & Francis Group)	ISSN NO - 0267-8292 YEAR - 2013

Refresher Courses Attended By Dr. Sreedevi

S.No	Name	Place	Month/Year
1	Refresher Course (Physics)	Lucknow University ASC	March/1999
2	Refresher Course (Physics)	Osmania University ASC. HYD	May/1999
3	Orientation Course (General)	Osmania University ASC. HYD	Oct/1999
4	Refresher Course (Physics)	Osmania University ASC. HYD	July/2000
5	M.S. Office (Comp.Course)	INS. Of Tech & Management (ITM) HYD	Dec-Feb/2001

Seminars/ Workshops/Conference /Symposium/ Webinars attended bythe faculty

Dr. B. Sreedevi

S.no	Name of the Seminar /Conference /Symposia/Workshop/ Webinars	Name of the Sponsoring agency	Place and Date
1	Conference on condensed matter physics	Andhra Layola College	Vijayawada Nov/2007
2	Molecular Eng of New Materials	Andhra Layola College	Vijayawada Feb/2009
3	Education Policy Proposed Reforms	Hindi Mahavidyalaya	Hyderabad Feb/2010
4	Mathematical modelling in Eng & Tech.	Stanley College of Eng & Tech.	Hyderabad Feb/2010
5	Physics for Engineers	Stanley College of Eng & Tech.	Hyderabad Sept/2010
6	Applications of Renewable & Sustainable Energy for Industry& society	Osmania University Dept. of Physics	Hyderabad Dec/2010
7	Recent Advantages in Physics	PR College	Kakinada Jan/2011
8	Innovations & Developments in Macro, Micro & Nano Material sciences	Indira Priyadarshini GDC	Hyderabad Nov/2018
9	Advanced material Characterisation Techniques (National/Attended)	Osmania University Dept. of Physics.	Hyderabad Aug/2018
10	Experimental physics (Local/Attended)	Bhavan's Vivekananda College of sciences, Humanities & Commerce	Hyderabad March/2019
11	Sustainable Development In Science Tech & Innovation (National/Conducted)	Hindi Mahavidyalaya	Hyderabad Jan/2019
12	National science Day Celebrations By Break Through Society (Local/Conducted)	Hindi Mahavidyalaya	Hyderabad Feb/2020
13	Modern Physics By Dr. Sarala HOD Dept. Of Physics St. Ann's College (Local/Conducted)	Hindi Mahavidyalaya	Hyderabad March/2020
14	Two day FDP	Hindi Mahavidyalaya	Hyderabad Nov/2022

M. Shivaleela

S.no	Name of the Seminar /Conference /Symposia/Workshop/ Webinars	Name of the Sponsoring agency	Place and Date
1	International Conference	St. pious X Degree & Pg college	Nacharam 6th & 7th December, 2019
2	Lecture series by prof. D. Ravinder, BOS, OU followed by PPt competition on Nano technology - synthesis	St. pious X Degree & Pg college	Nacharam 11th December, 2019
3	Pantech – e learning on Aurdino workshop	St. pious X Degree & Pg college	Nacharam, 21st May, 2021
4	Two day Faculty Development Program	Hindi Mahavidyalaya	Nallakunta, 29th & 30th July, 2022

Soma Keerthi

S.no	Name of the Seminar /Conference	Name of the Sponsoring	Place and Date
	/Symposia/Workshop/ Webinars	agency	
1	International Conference	St. pious X Degree & Pg college	Nacharam 6th & 7th December, 2019
2	Lecture series by prof. D. Ravinder, BOS, OU followed by PPt competition on Nano technology - synthesis	St. pious X Degree & Pg college	Nacharam 11th December, 2019
3	Two day Faculty Development Program	Hindi Mahavidyalaya	Nallakunta, 29th & 30th July, 2022

Curriculum Enrichment Program

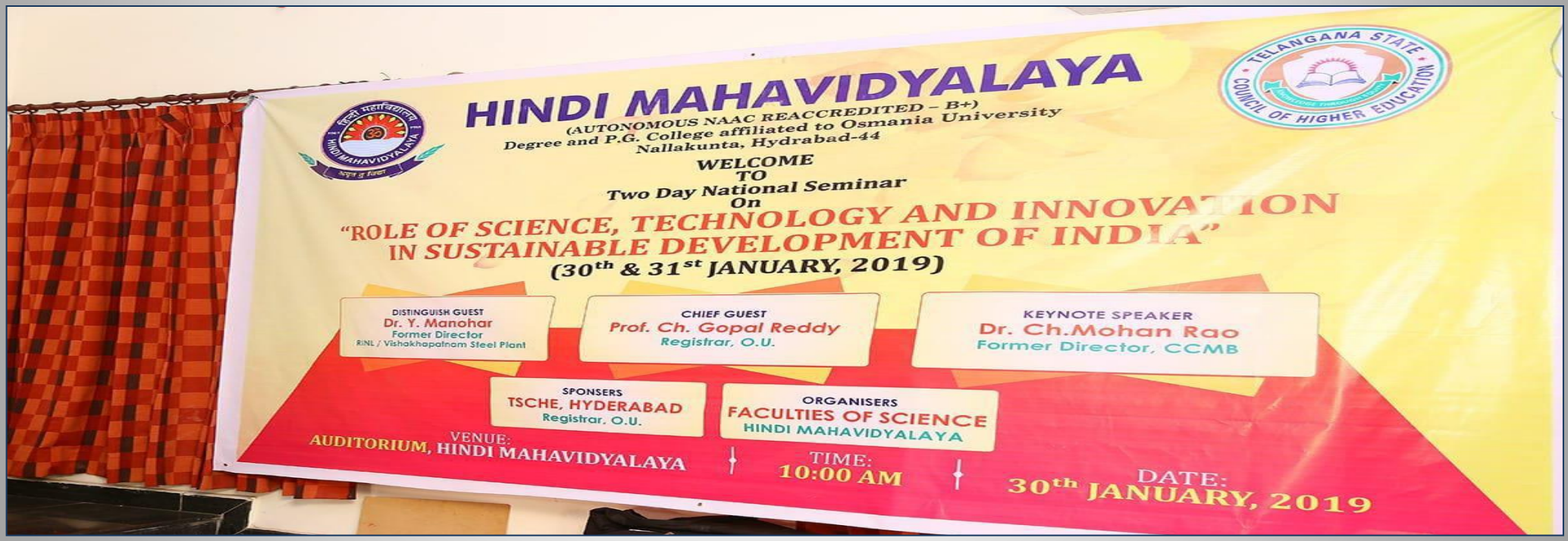
- To enrich the curriculum, the department has taken the following initiatives
- Guest / Extension Lectures are arranged by the experts in various fields so that the students enrich their knowledge in the concerned subject.
- To focus the students on various topics project works are given.
- Training in soft skills, Analytical skills through Job Oriented Programmes are given to the students with an objective of inculcating human values and ethics, students are taught “Value Education and Professional Ethics” apart from their regular subjects.

DEPARTMENTAL ACTIVITIES
From the Academic Year 2017 – 18 To 2021 -22

S.No.	Date	Name of the Activity	Title of the Activity	Details of the Resource Person (Name, Designation etc.)	No. of students Participated
1	30/01/2019 & 31/01/2019	National seminar	Role of science, Technology and Innovation in sustainable development of India	Hindi Mahavidyalaya	300-500
2	02/05/2022	Farewell Party	Farewell Party For Final Years	Hindi Mahavidyalaya	150-300
3	03/08/2022	“Motivational speech” By Appala Prasad Ji on the eve of 75 years of independence	Azadi Ka Amrit Mahothsav	Hindi Mahavidyalaya	200-300
4	26/07/2022	Guest Lecture By Dr. P. Sakuntala (HOD) RBVRR Women’s Clg	NANO SCIENCE	Hindi Mahavidyalaya	50-100
5	23/03/2020	Guest Lecture By Dr. Sarala (HOD) St. Ann’s Clg	Modern Physics	Hindi Mahavidyalaya	50-70

Departmental Activity Photos

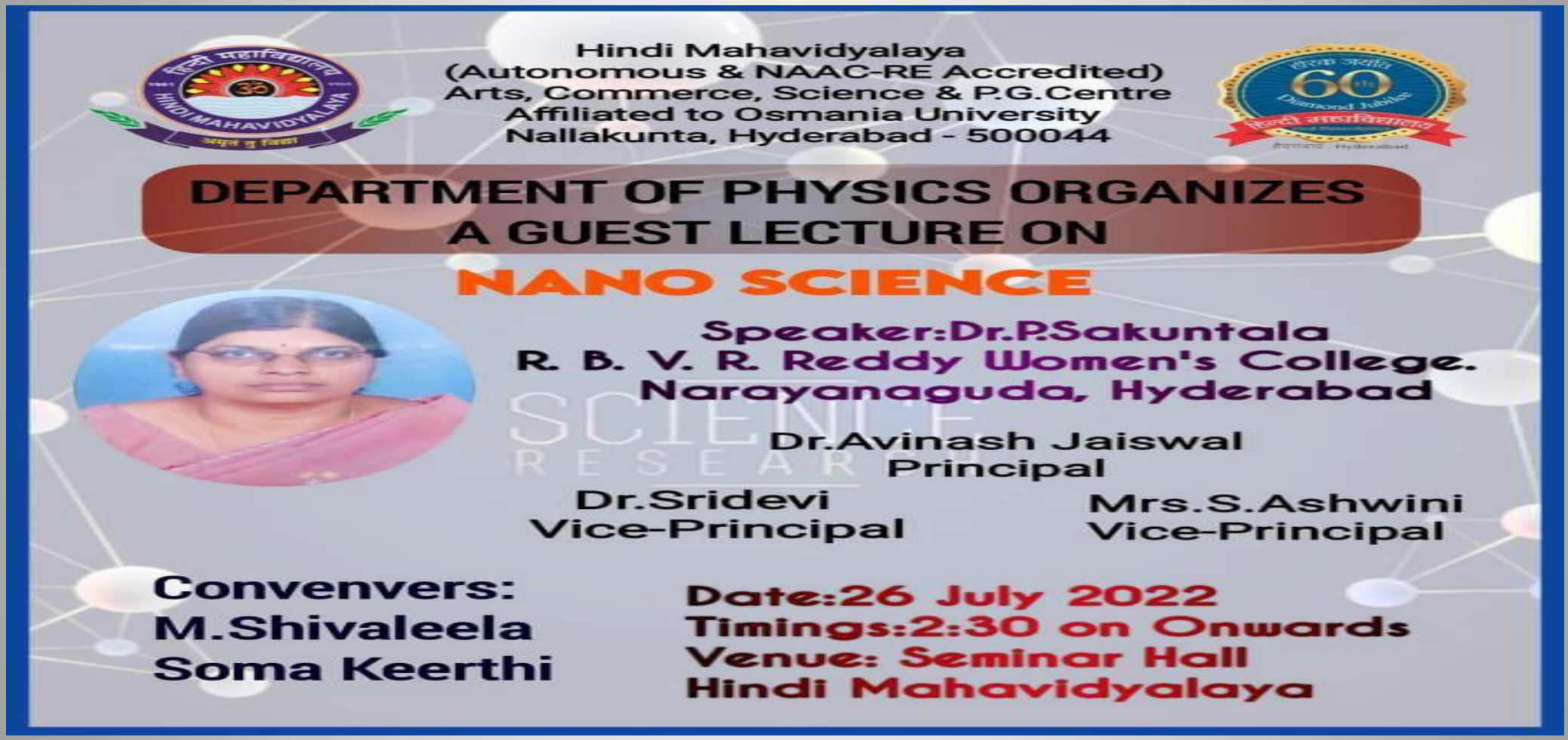
Two day national seminar on
ROLE OF SCIENCE, TECHNOLOGY AND INNOVATION IN SUSTAINABLE DEVELOPMENT OF INDIA
Distuinguish Guest : Dr. Y. Manohar
Chief Guest : Prof. Ch. Gopal Reddy
Keynote Speaker : Dr. Ch. Mohan Rao




ALAYA

GUEST LECTURE ON MODERN PHYSICS
BY Dr. SARALA
St. Ann's College for women

Guest Lecture on Nano Science By Dr. P. sakuntala(HOD),
Department of Physics
RBVR Reddy women's college Narayanaguda, Hyderabad




REDMI NOTE 8 PRO
AI QUAD CAMERA


DEPARTMENT OF PHYSICS ORGANIZES
A GUEST LECTURE ON
NANO SCIENCE
Speaker: Dr.P.Sakuntala
R. B. V. R. Reddy Women's College.
Narayanaguda, Hyderabad
REDMI NOTE 8 PRO
AI QUAD CAMERA


PHYSICS ORGANIZES
A GUEST LECTURE ON
NANO SCIENCE
Speaker: Dr.P.Sakuntala
R. B. V. R. Reddy Women's College.
Narayanaguda, Hyderabad

BOS Meeting for the Academic year 2022 – 2023

SCIENCE EXHIBITION - 2023


SCIENCE EXHIBITION
Fruits & Their Health Benefits

BSS FIRST STATE LEVEL STUDENT CONFERENCE - 2023

Criterion 4 - Infrastructure and Learning Resources

- The College encompasses a well maintained lush green campus spread over 3 acres of land
- ensuring adequate availability and optimal utilization of physical infrastructure for teaching
- learning activities.
- Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious
- classrooms equipped with LCD projectors for conducting theory classes.
- Technology Enabled learning facility: The College has ICT Classrooms where the provision of
- Multimedia learning, Wi-Fi connectivity and internet access is given.
- Seminar Hall: The College has multiple seminar halls. These halls are regularly used for
- conducting national / international seminars at the college. The students are promoted for active
- involvement in paper presentations, group discussions, etc.
- Tutorial rooms: Separate tutorial rooms are there in the college campus for tutorial lecture, doubt
- clarification and special remedial classes for weak and needy students.

Criterion 4 - Infrastructure and Learning Resources

Template	Nature of Template	2017-18	2018-19	2019-20	2020-21	2021-22
4.1.3.1	Number of classrooms and seminar halls with ICT facilities					
4.1.4.1	Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)	Nil	Nil	Nil	Nil	Nil

Criterion 5 - Student Support and Progression

- Majority of the students are covered under scholarship scheme by the state government.
- The students are provided with sets of previous year's question papers.
- Our alumni members are working in different organizations in various positions and some are engaged in the self employment.
- Students are given Library books for all the subjects, which aids in their learning process.
- Students are provided with access to N-List facility, INFLIBIT and SWAYAM Portal
- Providing study material to the students.
- Concessional bus pass and train pass facility.
- In order to student abilities of the area of National Level Examinations like IIT (JAM), HCU, CU CET etc, our department has made an attempt to bring in changes in the curriculum by choosing the elective in semester V and VI.
- In order to expose the student to practical Knowledge & Project Work is included in the curriculum.
- In order to expose the students to competitive exams like Bank Exams, TSPSC etc for job placements we have introduce Quantitative Aptitude for Semester V & VI as General Elective for Non Mathematics Students.

Criterion 5 - Student Support and Progression

Template	Nature of Template	2017-18	2018-19	2019-20	2020-21	2021-22
5.1.1.1	Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)	Nil	Nil	Nil	Nil	Nil
5.1.2.1	Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)	Nil	Nil	Nil	Nil	Nil
5.1.3	Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology	Nil	Nil	Nil	Nil	Nil
5.1.4.1	Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years	Nil	Nil	Nil	Nil	Nil
5.2.1.1	Number of outgoing students placed year - wise during the last five years.					
5.2.2.1	Number of outgoing student progressing to higher education					
5.2.3.1	Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ MAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years	Nil	Nil	Nil	Nil	Nil
5.2.3.2	Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years	Nil	Nil	Nil	Nil	Nil
	Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international					

Criterion 6 - Governance, Leadership and Management

Template	Nature of Template	2017-18	2018-19	2019-20	2020-21	2021-22
6.3.2.1	Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years	Nil	Nil	Nil	Nil	Nil
6.3.3.1	Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years	Nil	Nil	Nil	Nil	Nil
6.3.4.1	Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years	Nil	Nil	Nil	Nil	Nil
6.4.2.1	Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)	Nil	Nil	Nil	Nil	Nil

CRITERION 7 - INNOVATIONS AND BEST PRACTICES

FUTURE PLAN OF THE DEPARTMENT

- To organize a National level seminar.
- To apply for Minor Research Project.
- To organize more number of Guest lectures.
- Invite eminent scientists and industry experts for guest lectures.
- Field trip.

THANK YOU