

PG AND RESEARCH DEPARTMENT OF PHYSICS

1. Name of the Department & : Physics - 1980-81
Its year of establishment
2. Names of Programme/Courses offered (UG, PG, M.Phil., Ph.D., etc.)

SI. No.	Name of Programme	Subject	Year of affiliation	No. of sections	Sanctioned strength	Total Student strength (2018-19)	Remarks
1.	B.Sc	PHYSICS (ENGLISH MEDIUM)	1980-81	1	48	I - 44 II - 41 III - 47	I, II & III Year (132)
2.	M.Sc	PHYSICS	2007-08	1	16	I - 12 II - 14	I & II year (26)
3	Ph.D	PHYSICS	2014-15	Full time/ Part time	8 + 8	PT - 12 FT - 2	FT&PT (14)

3. Interdisciplinary courses and departments involved

- In UG level, in **Part IV** Interdisciplinary Courses like

- ❖ Skill Based Elective - 3 papers
- ❖ Non major elective - 2 papers
- ❖ Value education - 1 paper
- ❖ Environmental Science - 1 paper
- ❖ Gender Study - 1 paper
- ❖ Soft skills development - 1 paper

in **Part V**

- ❖ NSS
- ❖ NCC
- ❖ YRC
- ❖ Physical Education

are offered mandatory to all the students.

- In PG level, in the final year **Extra Disciplinary Courses** are offered mandatory to all the students.

Interdisciplinary courses (4)		Departments involved (Physics)
UG Level	Skill Based Elective - 3 papers	<ul style="list-style-type: none"> ❖ Value education - 1 ❖ Environmental Science - 1 ❖ Gender Study - 1 ❖ Soft skills development - 1
	Non - Major Elective - 2 papers	
PG Level	Extra Disciplinary	<ul style="list-style-type: none"> ◆ Numerical Methods and C++ ◆ Micro processor and Micro Controller ◆ Crystal Growth and thin film physics ◆ Nano materials and applications

4. Annual/Semester/Choice Based Credit System:

Semester pattern with Choice Based Credit System

5. Participation of the department in the courses offered by other departments:

- Our department extending the research oriented Skills to Chemistry and Mathematics PG Students and Research Scholars
- Handling Ancillary physics to the departments like Mathematics and Chemistry department.

1. Faculty profile with Name, Qualification, Designation, Specialization (D.Sc/ D.Litt/ Ph.D/ M.Phil, etc.)

SI. No.	Name & Qualification	Designation	Specialization	No. of Years Experience	No. of Ph.D. students guided in the last 5 years
01	Dr. R. SANKAR M.Sc., M.Phil., Ph.D	Associate Professor	Material Science	34	-
02	Dr. C. NAKEERAN M.Sc., M.Phil., M.Ed, Ph.D, PGDCA	Associate Professor	Spectroscopy	33	-
03	Mr. K. PARASURAMAN M.Sc., M.Phil, Ph.D	Associate Professor	Spectroscopy	33	8
04	Mr. G.THANAPATHY M.Sc, M.Phil, Ph.D, MCA, MA (English)	Associate Professor	Optical Fibre	32	6
05	Dr. B. PANJAPAKESA RAVINDRAN M.Sc, M.Phil	Associate Professor	Thin Film	30	-

06	Dr. P. RAJESH M.Sc., M.Phil., Ph.D	Assistant Professor	Spectroscopy	10	-
07	Dr.T. MOHAMED ALI M.Sc., M.Phil., Ph.D	Assistant Professor	Polymer Nano Composite	2	-
08	Miss. S. SATHIYA M.Sc., M.Phil	Assistant Professor (SF)	Thin film	7	-
09	Mrs. J. VIJAYAPRIYA M.Sc., M.Phil., B.Ed.	Assistant Professor (SF)	Polymer Physics	7	

1. Number of teaching posts sanctioned and filled (Professor /Associate Professor /Asst. Professor)

Post	Sanctioned	Filled	Vacant
Associate and Asst. Professor	07	03	4 (31-05-18) 2018-19 Vacancies
Guest Lecturer	-	02	-

2. Percentage of classes taken by temporary faculty-Programme-wise information

SI.No.	Programmes	Session
1.	UG	11
2.	PG	11

3. Programme-wise Student Teacher Ratio

SI.No.	Name of the Programme	Student teacher ratio
1.	UG	24:1
2.	PG	20:1

4. Number of academic support staff(technical) and administrative staff sanctioned and filled:

SI.No.	Staff	Sanctioned	Filled	Vacant
1.	Technical-Lab Assistant	02	1	01
2.	Mechanic/Electrician	01	-	01

5. Number of faculty with ongoing projects from a)National
b)International funding agencies and c)Total grants received. Mention names of funding agencies and grants received project-wise.

Completed Projects:

Sl. No.	Name of the Faculty	Project title	Name of the Project	Grant Agency	Amount Sanctioned (Rs.)
1	Dr.K. Parasuraman	Synthesis and characterization of nano materials	Minor Research Project	UGC	Rs.3,00,000.

On-Going Projects:

Sl. No.	Name of the Faculty	Project title	Name of the Project	Grant Agency	Amount Sanctioned (Rs.)
		Nil			

Accepted Projects:

Sl. No.	Name of the Faculty	Project title	Name of the Project	Grant Agency	Amount Sanctioned (Rs.)
		Nil			

6. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: -NIL-

7. Research facility / Centre with

- **State recognition**

- * Two Staff members pursuing research by guiding Ph.D., scholars as the department has got the recognition of Bharathidasan University, Tiruchirappalli, as an affiliated “**Research Centre**”
- * All the research supervisors of the department are members of Department Research Committee and members of Doctoral Committees of other affiliated research centers of the University
- * Research Laboratories of the department have been recognized as a “nodal centre” for using research equipments by the scholars and Staff members of other institutions.

- **National and International recognition**

- * Staff members of the department are entrusted with academic responsibilities like reviewer/referee in many reputed national and international journals.
- * Research supervisors of the department are in the Panel of Indian Evaluators of M.Phil and Ph.D thesis of Various Universities
- * Staff and Scholars of the department have presented research articles in many scientific forum of National and International Status and published research articles in well reputed Journals.

8. Publications:

- ✓ **Number of papers published in peer reviewed journals (National/**
- ✓ **International)**

Sl. No.	Name of Staff	No. of papers published in reputed journals	No. of books Published	No. of papers presented in Seminars	Citation Index	h-index	i10-index	Invited Lectures
01	Dr. R. Sankar	-	-	3	-	-	-	01
02	Dr. C. Nakeeran	02	-	-	-	-	-	-
03	Dr. K. Parasuraman	15	-	-	50	4	2	-
04	Dr. G. Thanapathy	11	-	-	5	2	-	02
05	Dr. B. Panjapakesa Raveendran	-	-	-	-	-	-	-
06	Dr. P. Rajesh	02	-	04	5	1	-	-
07	Dr.T. Mohamed Ali	04	4	2	16	2	-	-

*** Author for correspondence for all the Research papers and Papers presented in Seminars**

Number listed in International Database (For e.g. Elsevier-Optical Materials, Springer –Journal of Sol-Gel Sci. Technol, Elsevier-super lattices and Micro structures, Springer – Journal of materials Science etc.): All the research papers are published during this assessment period were found in

Google Scholar
 Research Gate
 Scopus
 Get cited
 Web of Science

For instance, all the faculty names of our department are in almost all the scientific journals data base.

✓ Citation Index- range/ average:

The articles which are published from the department having Citation indices from **1 to 100**

✓ SNIP and SJR:

The research articles were published from the department in various reputed journals are covered by Scopus and other database alongwith their SNIP (Source normalized Impact per journal) and SJR (SC Imago Journal Rank)

✓ Impact factor-range /average:

All the papers with impact factor ranging from **0.5 to 2.5**

✓ h-index:

All the Research Supervisors and Scholar with publications do have individual **h-index** ranging between **1 and 15**

✓ i10-index:

All the Research Supervisors and Scholar with publications do have individual **i10-index** ranging between **1 and 20**

9. Details of patents and income generated:- NIL -

10. Areas of consultancy and income generated:

Expertise of the faculty members are in designing the teaching methodology and Physics Practical for nearby Matriculation Schools and Government Higher Secondary Schools in the form of consultancy is a regular practice of the department in a non-profitable basis

11. Faculty Recharging Strategies

Orientation / Refresher and Training Programmes

SI. No.	Name of the faculty	Number of Attended Orientation / Refresher Courses
1.	Dr. R. Sankar	02
2.	Dr. C. Nakeeran	04
3.	Dr. K. Parasuraman	03
4.	Dr. G. Thanapathy	02
5.	Dr. B. Panjabakesa Raveendran	02
6.	Dr. P. Rajesh	03
7.	Dr.T. Mohamed Ali	01

Papers presented in Seminars

SI.No.	Year	No.of PapersPresented		
		State	National	International
1.	Dr. R. Sankar	1	2	-
2.	Dr. C. Nakeeran	-	-	-
3.	Dr. K. Parasuraman	-	-	-
4.	Dr. G. Thanapathy	-	-	-
5.	Dr. B. Panjabakesa Raveendran	-	-	-
6.	Dr. P. Rajesh	-	3	1
7.	Dr.T. Mohamed Ali	-	2	-
8.	Miss S. Sathiya	-	-	-
9.	Mrs. J. Vijayapriya	-	-	-

12. Student projects

✓ Percentage of students who have done in-house projects including inter-departmental

All the Postgraduate students are permitted to undertake a project work to gain extra credit in the existing CBCS. They mostly make use of department of Physics. However, the percentage seems to be in decreasing trend in single digits.

All the M.Sc., Students do their project as it is mandatory in curriculum. Apart from the parent department, they do collaborative work with institutions like St. Joseph College, Trichy, Karunya University Coimbatore etc. during their project work.

✓ Awards / recognitions received at the national and international level by

- **Doctoral / Post-Doctoral fellows - Nil**
- **Students - Nil**

University Rank Details from 2009-2016 to Onwards

Academic Year		No. of Students appeared	Pass %	% of first class	No. of Dist.	University Rank obtained	Students went for higher education (%)	Students went for Job (%)
April 2009 PG		16	81	-	-	-	-	-
April 2010 PG		09	89	-	-	15th	02	02
April 2011	UG	72	44	31	7	-	26%	20%
	PG	21	90.47	19	03	-	-	-
April 2012	UG	41	68	68	-	-	24	15
	PG	10	91.6	11	02	6 th	12	20
April 2013	UG	42	76	16%	-	-	12%	-
	PG	15	80.6	-	03	-	-	-
April 2014	UG	44	72.7	-	5%	20 th	23%	14%
	PG	11	90	-	-	-	-	-
April 2015	UG	44	82	50%	9%	20 th	27%	13%
	PG	15	93	-	13	12 th	02	04
April 2016	UG	44	64	47	2	-	18	9%
	PG	13	90	10	02	19 th	-	03
April 2017	UG	42	59	45	02	-	24	-
	PG	16	100	13	04	-	04	04

April 2018	UG	43	-	-	5	-	18	-
	PG	13	69	09	-	-	-	-

Name of the Student with placement and prize: Nil

13. Outstanding participants who graced the occasions: Nil

20. (a) Admission Details

Academic Year		Total Admission	OC		BC		BC(M)		MBC		SC		ST	
			M	F	M	F	M	F	M	F	M	F	M	F
2011-2012	UG	44	-	-	1	1	-	-	1	21	4	16	-	-
	PG	15	-	-	1	-	-	-	1	5	5	3	-	-
2012-2013	UG	41	-	-	-	6	-	2	3	21	3	12	-	-
	PG	10	-	-	-	2	-	-	-	-	4	4	-	-
2013-2014	UG	42	-	-	5	4	-	-	6	3	6	18	-	-
	PG	15	-	-	-	1	-	-	-	11	1	2	-	-
2014-2015	UG	44	-	-	1	-	-	-	1	30	4	8	-	-
	PG	11	-	-	-	-	-	-	-	6	1	4	-	-
2015-2016	UG	44	-	-	-	4	-	-	1	21	4	14	-	-
	PG	15	-	-	-	1	-	-	5	-	1	8	-	-
2016-2017	UG	44	-	-	6	8	-	-	4	7	14	5	-	-
	PG	13	-	-	-	2	-	-	1	4	1	5	-	-
2017-2018	UG	42	-	-	2	5	-	-	4	19	4	8	-	-
	PG	14	-	-	-	3	-	-	-	8	-	3	-	-
2018-2019	UG	44	-	-	2	4	-	-	2	12	4	20	-	-
	PG	12	-	-	-	-	-	-	-	9	-	3	-	-

20(b) UG Programmes

Year of study	Applications received	Selected		Total
		Male	Female	
2010-11	91	9	38	47
2011-12	72	5	39	44
2012-13	89	4	46	50
2013-14	117	11	36	47
2014-15	89	7	41	48
2015-16	220	8	40	48
2016-17	143	9	39	48
2017-18	105	8	39	47
2018-19	98	10	35	45

20. (c) PG Programmes

Year of study	Applications received	Selected		Total
		Male	Female	
2010-11	13	1	11	12
2011-12	18	6	9	15
2012-13	11	-	10	10
2013-14	20	1	14	15
2014-15	16	1	11	12
2015-16	30	1	14	15
2016-17	21	2	11	13
2017-18	19	-	14	14
2018-19	15	-	12	12

20. (d) M.Phil Programmes

NIL

20. (e) Ph.D. Programmes

Doing		Awarded before the assessment period		Awarded during the assessment period		Thesis Submitted
Male	Female	Male	Female	Male	Female	
08	06	-	--	-	-	--

14. Diversity of students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the State	% of students from other States	% of students from other countries
B.Sc	--	100	--	--
M.Sc	55	45	--	--
M.Phil	-	-	-	-
Ph.D	22	78	--	--

15. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

SI.No.	Name of the Examination	No.ofStudents
1.	---	---

Students Progression

Student progression	Percentage against enrolled
UG to PG	45
PG to M.Phil.	--
PG to Ph.D.	20
Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	- 40
Entrepreneurs	50

16. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	85
From other universities within the State	15
From other universities from other States	--

17. Number of faculty who were awarded/Doing Ph.D., during the assessment period.

Year	Ph.D.,(Doing)
2014 (Onwards)	-----

18. Present details about Infrastructural facilities

a) Library:

Department: **books**

b) Internet facilities for staff and students:

- 24 Hours unlimited Broad band internet facility is available in
- The Physics Department for the use of Staff members and research scholars.

- c) Total number of classrooms : 03
- d) Class rooms with ICT facility :
- One mini conference cum smart class room is equipped with smart Board, audio –video projection and latest ICT gadgets.
- e) Students laboratories : 01
- All Major Practical equipments related to Practicals are available in one UG and PG laboratories.
- f) Research laboratories :
- Research Laboratory: (Experimental lab for Kinetics research)
The newly added equipments are:
 - ✓ 2 decimal digital balance
 - ✓ Magnetic Stirrer
 - ✓ Oven
 - ✓ Digital pH meter
 - ✓ Muffle Furnace
 - ✓ Autoclave
 - ✓ Ultra Sonic interferometer
 - ✓ Tds meter
 - ✓ Constant Temperature Bath

19.Number of students of the department getting financial assistance from College and Government.

Year	No. of students getting financial assistance				
	UG			PG	
	I year	II year	III year	I year	II year
2009-10	41	29	-	-	-
2010-11	42	41	29	12	10
2011-12	44	42	41	15	12
2012 - 13	44	44	42	10	15
2013 - 14	44	44	44	15	10
2014 - 15	42	44	44	12	15
2015-16	43	42	44	16	12
2016-17	41	43	42	13	16
2017-18	42	41	43	14	13
2018-19	44	41	47	12	14

20. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

- ✓ The basis for the importance for introducing a new Programme will be discussed in the departmental meeting along with the copies of UGC/CSIR/DST brochures/syllabi.

21. Does the department obtain feedback from

a) Faculty on curriculum as well as Teaching-Learning-Evaluation ? If yes, how does the department utilize it?

- ✓ Yes, the suggestions given by the Staff members directly involved in the new Programme or syllabi are always considered as an effective feedback. The merits and demerits posed by the teacher concerned will be discussed in the BOS meeting and subsequent changes are updated periodically.
- ✓ Faculty members from other institutions are also involved in feeding feed-back in regular basis during the Evaluation of practical examinations.

b) Students on staff, curriculums well as teaching-learning-evaluation and what is the response of the department to the same?

- Students are free to make comments/suggestions upon the methodology of teaching process (class-room teaching as well as laboratory demonstrations) adapted by the individual teachers directly to the Head of the Department
- By the directions of the Principal and IQAC, the Head of the department meets all the classes to verify the completion of the syllabus, well in advance, before the last working day of each semester.
- Every semester, IQAC conducts Feedback evaluation of teachers, infrastructure, laboratory conditions, etc., of the department and subsequently considered with due weightage for further constructive and progressive implementation.

c) Alumni and employers on the Programmes and what is the response of the department to the same?

- Yes. Conducting the Annual Alumni association meet is in regular practice. Likewise, the meeting with a few noteworthy Entrepreneurs/industrialists/Scientists is one of the regular activities of the department.

22. List the distinguished alumni of the department(maximum-05)

SI.No.	Name of the Alumni	Designation	Place
01	N. Paramaguru	Associate Manager Accenture Solutions Pvt. Ltd.	Perungalathur
02	Dr. M. Senthilkumar	Assistant Professor	Govt. College, Kumbakonam
03	Dr. Samuel Ebenezer	Assistant Professor	Govt. College, Kumbakonam
04	R. Ramachandran	PG Assistant	Venkatesa Hr. Sec. School Ayankudipallam
05	D.M. Raja	Senior Editor Puthiya Thalaimurai	Ekkatuthangal

23. Give details of student enrichment Programmes (special lectures/workshops / seminar) with external experts.

- a) Departmental seminars at UG, PG & Ph.D. levels are a routine academic process in the department

24. List the teaching methods adopted by the faculty for different Programmes

Sl. No.	Programme	Teaching Methods Adopted
1.	UG	Conventional Chalk and Talk method, questioning and answering approach, displaying of charts, exhibiting the proto-type models, usage of Slide projectors, Motion pictures, OHP presentations, assigning problems to solve independently, library hour, invited talks by external expertise, supply of well -prepared study materials and guidelines for Practical and up-dated theories behind practical's well before the
2.	PG	Chalk and Talk method, Interaction with individuals, exhibiting e-contents, simulation of physical models, presentation of downloaded talks of NPTEL (National Program on Technology Enhanced Learning) relevant to PG Students, OHP, Guest Lectures, seminars, library hour allotment, visit to out-side laboratories and supply of study materials.

25. How does the department ensure that Programme objectives are constantly met and learning outcomes monitored?

- a) The system in curriculum facilitates to have a periodic and continuous assessment of the students through CIA and compulsory attendance.
- b) Inter-departmental analysis of both teachers and students in council of heads of the department level and departmental level after every semester ensures the status and directions of or going trend in achieving the objectives of the Programmes
- c) An effective and result-oriented monitoring mechanism is practiced by the PRINCIPAL to review the results of students and performance of teachers, every year.
- d) The interest and competition in selecting PHYSICS subject by the students in admission process is an indicator for the department to ascertain the fulfillment of the objectives of our well-designed Programmes
- e) No. of students appearing and getting succeeded in Competitive

examinations is closely watched in regular manner.

- f) Periodic checking mechanism supported by feedback from students (of both current and out-going) and alumni and reports of IQAC, helps to take suitable remedial measures.

20.Highlight the participation of students and faculty in extension activities.

- Student’s participation in Extension activities is made mandatory for all UG Programme. The students of Physics advised to participate in NSS, YRC and Sports etc.
- Students have been conducting awareness Programme on “learning Science”and in particular, in PHYSICS for near school children by deliberations and demonstration.
- Many of the staff members are actively involved in society-involved Associations and Organizations for the purpose of serving their intellectual expertise.

Participation of faculties in Various Extension Activities

Sl. No.	Name of the Faculty	Name of the Extension Activity Participated
01	Dr. R. Sankar	<ul style="list-style-type: none"> - Principal I/c - College Committee Member - Board of Studies Member – Bharathidasan University (2015 - 2018) - YRC - Coordinator - College Admission Committee Member - College Magazine Committee Member - College Committee Member - College Staff Council Member - Inspection Committee Member to BDU
02	C. Nakkeran	<ul style="list-style-type: none"> - Principal I/c - Controller of Examinations - NSS programme officer
03	K. Parasuraman	<ul style="list-style-type: none"> - Chief Examination - IQAC – Coordinator - NSS Programme Officer - College Calendar Member - College Time Table Member

04	G. Thanapathy	<ul style="list-style-type: none"> - CEO - Bharathidasan University Board of Studies Member (2015 - 2018) - Admission Committee Member - Staff Council Member - IQAC Member - Monitoring Debt. Activities - College Calendar Committee Member - Research Committee Member - Member Board of Studies in Physics at Poompuhar College
05	B. Panchabakesa Ravindran	<ul style="list-style-type: none"> - CEO
06	Dr. P. Rajesh	<ul style="list-style-type: none"> - Member Board of Studies - Question paper Setter & Examiner for Annamalai and Bharathidasan University - Passing Board Member for Annamalai University - NSS - program officer (1 year) - Assistant CEO - Autonomous Review Committee Member - NAAC - Rev. Committee Member - UGC - Committee Member - Additional Camp Officer - Autonomous - College - Time Table Committee
07	Mr. T. Mohamed Ali	<ul style="list-style-type: none"> - --

21. Give details of “beyond syllabus scholarly activities” of the Department.

- ✓ Coaching to students for the preparation of UGC-CISRJRF cum Lecturer Test, SLET and other competitive examinations.
- ✓ Training the students to participate in Physics Quiz Programmes
- ✓ Training the students to inculcate the learning skills, inter-personal and intra-personal skill and career choosing skills (through workshops)

22.State whether the Programme / department is accredited /graded by other agencies. Give details: Nil

23. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- Effective Support in the form of laboratory equipment's from the Government for the introduction of any new and innovative Research Programme.
- Even with moderate research possibilities, the department is capable of pursuing research in par with University departments and many leading institutions.
- Good and conducive opportunities for students vertical progress up to Research Level
- Thirst towards Adaptability towards the up-dating of academic Programmes according to the demand.
- In student strength scenario where female students out number male students.
- Substantial increment in science learning due to the invasion of engineering studies and moreover the Programme in Physics are purely basic.

Weaknesses:

- Inability to network with other institutions (like other urban Colleges)
- Abolition of minor projects for college teachers and financial assistance to individual departments in the form of DST-FIST, has become unforeseen difficulty while progressing towards upwards.

Opportunities:

- Wide scope for learning job-oriented certificate, diploma and PG Diploma course concurrently during the course duration.
- Students have chance to appear confidently in competitive examinations as extra-coaching on specific skill is set made available.
- Special coaching classes for NET/SLET/UGC-CSIR pave way to the students to go further in their academic excellence.

- Each student could enrich his/her technical skills as the related opportunities do available in the department.
- The past history and positive trend which prevails in the department help each and every student to expand their knowledge in all aspects.

Challenges:

- Teaching Physics seems to be tough task and that to the first generation learners make more challengeable. The success rate of the department shows the success trend in meeting out such challenges in effective manner.
- Sudden transition from local language to English in Undergraduate level students is a regular taunting task. However, training through Bridge courses and spoken English labs help to get rid of the challenges.
- Teaching Physics to ancillary courses seems to be a tough tasks and has been more challenging one. Proper methodology helps us to come out from this problem.
- Networking with other institutions is a major problem which lies in the department. Recent advancements in the campus improvement, through technological connectivity, we attempt to reduce the same.

Future plans of the department:

- To set a Research Centre with the help of DST and UGC.
- To have more enriching programs for Staff and Students (like seminar, Symposia and Workshops).
- To get projects from UGC, CSIR and DST

Achievements of the Department:

Since inception, the department has produced over 1000 graduates in Physics

One of the research departments in Bharathidasan University to pursue the experimental research.

The department has grown with well-structured Programmes such as Undergraduate, Post graduate and Research Programme with the job oriented Skill Based and Non Major Electives.

The department has a wide spectrum of Alumni spread all over the world.

The department has grown to a greater extent to pursue research in the fields of Crystal Growth, and Synthesis of nano materials. Over 2 lakhs funding from UGC, are the ample proof for the department of Physics.