

Faculty Profile

i) General Information

a) Name : **Dr. CHANDRASHEKHAR B. GANDIGUDI**

b) Address (Residential) : Plot No. 12 Swastik nagar, Sedam Road,
Gulbarga.

Cell. No. : 9448586623

c) Designation : Associate Professor

d) Department : PHYSICS

e) Date of Birth : 15-09-1966

d) Area of Specialization : SOLD STATE PHYSICSA) Academic Qualifications

Exam Passed		Board/ University	Subjects	Year	Division/Grade Merit etc.
High School SSLC		KSEEB Bangalore	Kan, Eng, Hin, Social study, Science, Maths	1982	First Class
Higher Secondary or Pre-degree PUC		PUEB Bangalore	Eng, Hindi PCMB	1984	Pass Class
Bachelor's Degree(s)	B.Sc.	Gulbarga University, Gulbarga	Physics, Maths & Geology	1987	First Class
	B. Ed	Gulbarga University, Gulbarga	Science & Maths	1988	Second Class
Master's Degree M.Sc.		Gulbarga University, Gulbarga	Physics (Solid state physics)	1991	Second Class
M. Phil		Annamalai University Chidambaram (TN)	Preparation And characterization of pure and blend polystyrene & polymethyle methcrylate films by Dip coating technique	2009	First Class
Ph.D		Dravidian University, Kuppam (AP)	PREPARATION & CHARACTERIZATI ON OF SOME Thin Films	June- 2018	Awarded

* **Teachers** already in employment at the time of introduction of the scheme and for new entrants at the time of joining of the institution.

ii) Research Experience & Training----- Nil-----

Research Stage	Title of work/Theses	University where the work was carried out
M.Phil or equivalent	Preparation and characterization of pure and blend polystyrene and polymethyle methcrylate films by Dip coating technique	Annamalai University (T.N)
Ph.D.	Preparation & Characterization of some Thin Films	Dravidian University, Kuppam (A.P)
Post-Doctoral	-----	-----
Publications (give a list separately)	List enclosed	

B) Research Projects carried out

Title of the Project	Name of the funding Agency	Duration	Remarks
“Electrical properties of thin films”.	UGC	18 months	Completed

C) Seminars, Conferences, Symposia Workshops etc. attended From 2016-17 to 2021-22

Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
One week National level Online FDP on, “Covid-19: Issues, Challenges and Interventions in the contemporary Crisis	IQAC, GFGC HSR Lay out Bengaluru	30 th Apr to 6 th May-2020
FDP on comprehensive study of NAAC Criteria in RAF	Rubrics Softcon Private Limited, Pune	4 th to 8 th may 2020
One day national webinar on “Effective ways to develop E-Content”	Smt,Devkiba Mohansinhji Chauhan College of Commerce and Science. Silvassa , Maharashtra .	9 th may 2020
Three days online FDP on Physics of materials	Dept.of Physics JAIN(Deemed to be university)	28 th to 30 th may 2020
Webinar on Creative interactive E – Learning content	Dept.of Computer Engineering , Universal Colledge of Engineering ,Kaman , Maharashtra	1 st june 2020

iii) Teaching Experience

Courses Taught	Name of the University/ College / Institution	Duration
U.G. B.Sc.,	HKE Society's Sree Veerendra Patil Degree College, Bangalore	5 th July 1993 to 11 th May 2015
	HKES Smt.VG Degree College for Women, Kalaburagi	12 th May 2016 to 6 th Oct-2017
	HKE Society's Sree Veerendra Patil Degree College, Bangalore	7 th Oct-2017 to 2 nd Dec-2021
	HKES Shri Prabhu College, Shorapur.	3 rd Dec-2021 to 1 st Dec-2022
	HKES S.S. Margol College, Shahabad	2 nd Dec-2022 to till date
P.G	-----	-----
vi) M.Phil	-----	-----
vii) Any other	-----	-----

Total Teaching Experience:

- a) Under-graduate (Pass): _____ **29 years**
b) Under-graduate (Hons): _____ **NIL**
c) Post-graduate : ----- **NIL**

viii) Innovations/Contributions in Teaching

a) Design of Curriculum

Since ours is an affiliated college, we have limited scope in curricular design however our staff members took active participation in syllabus revision process. Some of the staff members participated in syllabus revision workshops. When starting to teach that role is usually confined to designing sessions, whereas with a lectureship usually comes the need to design or modify modules and worked as part of a departmental team on course design by making teaching plan, course plan and by department minute book.

b) Teaching methods

Use of interactive methods for teaching. E.g. discussion method, seminar Method, question answer method, power point presentation, models of teaching project method etc.

c) Laboratory experiments

Laboratory teaching assumes that first-hand experience in observation and manipulation of the materials of science is superior to other methods of developing understanding and appreciation. Laboratory training is regularly used to develop skills necessary for more advanced study by Preparing through practical charts and through power point presentation.

d) Evaluation methods.

- Feedback by students.
- Tests, Assignments, Seminars.
- Development of course materials, course revision.
- Advising and Mentoring

ii) **Preparation of resource material Including books, reading materials, Laboratory manuals etc.**

Prepared question bank, specimen lesson plan, specimen answer sheet, model research proposal & notes on newly introduced topics. And by Preparing PPT on course wise, & topic wise including practical's using reference Books, searching for web sites like UGC,& IIT's for online coaching classes and preparation of practical wise laboratory manuals for practical classes.

iii) **Remedial Teaching / Student Counseling (academic)**

Remedial coaching classes have been conducted for the slow learners which have been identified in the regular classes for their enhancement of learning & to join the mainstream. Students Academic Counseling has been conducted through Career & Counseling cell once in a year.

Questionnaires/Seminars

g) **Any Other** : NIL

ix) **Extension Work/Community Service**

a) **Extension work/Community work**

Worked as a Resource Person at Govt. High School, Bhimalli.

b) **Positions held/Leadership role played in organizations linked with Extension Work and National Service Scheme (NSS), or NCC or any other similar activity**

As catalytic leadership, by discussing the importance of their role when communicating with staff.

D. Participation in Corporate Life: Please give a short account of your contribution to:

a) **College / University / Institution**

- Worked as Member in syllabus framing committee for B.Sc Physics II semester of Bangalore University.
- Worked as Practical examiner in Physics for B.Sc. all Semester examinations.

b) **Co-curricular Activities**

The sum total of all activities planned directly to reinforce the curriculum in those spheres of learning where otherwise it is difficult to teach within the classroom by taking the students to study tour and participating as a resource person in different colleges. These are the activities through which a learner explores ones abilities, develops the strengths & eradicates the shortcoming through informal guidance, observation & self assessment.

c) **Enrichment of Campus Life**

By fostering the college ethos within all aspects of campus life including in the classroom, and during co curricular & extracurricular activities.

d) Students Welfare and Discipline

- By demonstrating the highest standards of professional behavior, exercise professional judgment and act in a courteous and sensitive manner when interacting with students, parents or caregivers, staff and the public;
- By collaborating in the development of College plans, policies, and programs;
- Devise and document teaching and learning programs and developing and implementing appropriate evaluation mechanisms;
- With conscious of the need for equitable treatment of all students, including those with disabilities or other special needs; meet the individual learning needs of students and assist each student to maximize his or her learning outcomes;
- Effectively manage and implement programs for student welfare;
- By undertaking appropriate ongoing professional development to promote competence in curriculum development, delivery and evaluation, classroom management and teaching skills.

e) Membership/Participation in Bodies/Committee on Education and National Development. : NIL

f) Professional Organization of Teachers. : -----

E. (a) Membership of Professional Bodies, Societies etc.

- Life Member --Indian Physics Teachers Association (IAPT)
- Life Member of Indian Science Congress Association (ISCA)

(b) Editorship of Journals. : Nil.

F. Any other information. : Nil.

(Chandrashekhar B Gandigudi)

List of Publications: Name of the Staff: Dr. Chandrashekhar B. Gandigudi, Dept. of Physics

Sl. No.	Title	Authors	Publication details	Additional details
01	"INVESTIGATIONS ON CERTAIN MICROSTRUCTURAL ASPECTS RELATED TO THIN FILM STUDIES WITH APPLICATIONS OF ANALYTICAL TOOLS"	C B Gandigudi L A Udachan	Advanced Research in Electrical and Electronic Engineering (AREEE)	Volume 1, Number 1, 2014, PP 1-3.
02	"CHARACTERISTICS OF THIN FILMS FOR ELECTRICAL INSULATION LAMINATE APPLICATION"	C B Gandigudi L A Udachan	Journal of Basic and Applied Engineering Research (JBAER)	Volume 1, Number 14, October-December, 2014, PP 99-101.
03	"STUDIES ON THIN FILMS BASED ON XRD DIFFRACTOGRAMS METHOD"	C B Gandigudi L A Udachan	Journal of Basic and Applied Engineering Research (JBAER)	Volume 2, Number 1, January-March, 2015, PP 24-26.
04	"INVESTIGATIONS ON CHARACTERIZATION OF POLYSTYRENE AND POLYMETHYLE METHACRYLATE THIN FILMS"	C B Gandigudi L A Udachan	ENGINEERING SCIENCES International Research journal	Volume 3, Issue 1, 2015, PP 45-47.
05	"EVALUATION STUDIES IN UNDERSTANDING OPTICAL CHARACTERISTICS OF THIN FILMS"	C B Gandigudi L A Udachan	International Conference On Advances in Engineering And Technology(ICAET-2015)	Proceedings of ICAET-2015, Feb,2015, PP 05-09.
06	National Conference (Two days) on, Evolving Trends and Challenges in Science Education & Research(NCSER-2016) - a Exploration.. Presented a Research Paper entitled, "Studies on Thin Film coating on Industrial Laminates using Comparative Tracking Method".	C B Gandigudi	Basaveshwara College, Rajajinagar, Bangalore. 29th & 30th January-2016	UGC Sponsored Proceedings, ISBN:978-93-85629-14-3, PP 80-82

07	“ASSESSMENT OF THIN FILM BY ALTERNATIVE APPROACH OF FTIR TECHNIQUE”	C B Gandigudi L A Udachan	Journal of Basic and Applied Engineering Research(JBAER)	Volume 5, issue 2 Jan-march,2018 p-ISSN:2350-0077 e-ISSN:2350-0255 PP 80-82
08	Influence of thickness on micro-structural characterization of Silver films	S. L. Udachana* , N. H. Ayachita, L. A. Udachanb , C. B. Gandigu dic,	2 nd International Conference on Emerging Materials: Characterization and Application (EMCA-2017)	2214-7853©2019 Elsevier Ltd. PP