

CURRICULUM VITAE



A. General Information

- a) Name Dr. M. Nagabhushanam
- b) Date & Place of Birth 04-02-1953; **Siddipet**, Medak (Dist.), Telangana.
- c) Qualifications M.Sc., Ph.D.
- d) Designation Professor of Physics & Special Officer (Examination) Palamuru University, Mahabubnagar.
- e) Permanent Address H.No. 9-44/4, Plot No. 146/A, Ravindranagar, Street No.8 Habsiguda, Hyderabad – 500 007.
- f) Address for Correspondence Dr. M. Nagabhushanam Professor of Physics & Special Officer (Exams) Palamuru University, Mahabubnagar – 509 001
- g) Positions held
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|---|------------|---------------------|
| i) Assistant Professor | 02-07-1984 | Osmania University |
| ii) Associate Professor | 27-11-1989 | Osmania University |
| iii) Professor | 27-07-1998 | Osmania University |
| iv) Professor of Physics & Special Officer (Examinations) | 15-06-2013 | Palamuru University |
- h) Social Category Backward Class “B” S.No.23
- i) Area of Specialization Solid State Physics (Semiconductors)

B. Academic Qualifications

Degree	Institution	Field	Class & year
B.Sc.	Osmania University	Maths, Physics, Chemistry	Firstdivision 1975
M.Sc.	Osmania University	Physics (Solid State)	First with Distinction 1977
Ph.D.	Osmania University	Physics (Semiconductors)	Awarded in year 1982

C. Research Experience & Training

Research	Title of work/thesis	University where the work was carried out
Ph.D	Galvanomagnetic studies on pure and annealed InSb and CdTe single crystals	Osmania University
Post Doctoral	Transport properties of semiconductors and superconductor	Osmania University and Abroad
Training	Chemiomechanical properties of Aluminium Oxide	Universidade Federal do Parana, Brazil
Training	Growth and characterization of ternary compounds like $Cd_{1-x}Zn_xS$ for non conventional energy applications	Osmania University

D. Research Projects Carried out

Title of the project	Name of the funding agency	Duration	Remarks
Growth and Characterization of Oxide Superconductors	UGC	3 years	
Growth and characterization of polymeric semiconductor	AICTE	3 years	
Futuristic materials – Polymer Semiconductors	UGC	3 years	
Development of $Cd_{1-x}Zn_xS$ compounds for solar cell applications	DST	3 years	

E. Research Contributions

Presently supervising the research work of 6 research scholars leading to Ph.D/M.Phil/M.Tech degrees.

a) Number of Students awarded degrees under my supervision

a) M.Phil 9

b) Ph.D. 6

F. Research Publications/papers presented in conferences

Research Papers Published in National and International Journals

Title of the Paper	Authors	Journals	Page No./Issue/Year
LIST ATTACHED			

G. Seminars, Conferences, Symposia and Workshops etc. attended

Research Papers presented in National and International Conferences/Seminars/Workshops

Name of the seminar/conference/symposia workshop etc	Name of the sponsoring Agency	Place and date
LIST ATTACHED		

H. Books Published

Edited 4 Books published by Telugu Academy for Under Graduates

Subject	Course	Paper	Title	Medium	Publisher
Physics	B.Sc.	III	Electricity & Magnetization	English	Telugu Academy Govt.
Physics	B.Sc.	IV	Modern Physics	English	Telugu Academy Govt.
Physics	B.Sc.	III	Electricity & Magnetization	Telugu	Telugu Academy Govt.
Physics	B.Sc.	IV	Modern Physics	Telugu	Telugu Academy Govt.

I. Seminars, Workshops and Training Programmes Conducted

- 1) Seminar on “SOLAR PASSIVE ARCHTECTURE”9th June 1996.
Sponsored by Ministry of Non-Conventional Energy Sources (MNES), Govt. of India, Non-conventional Energy Development Corporation of Andhra Pradesh, Govt. of A.P. (NEDCAP)
- 2) 3 day Workshop on Solar Passive Architecture 29th -31st March 1996.
Sponsored by MNES, Govt. of India and NEDCAP, Govt. of A.P.
- 3) Seminar on ‘Student Project Programme’ 8th August 1997.
Sponsored by APCOST, Govt., of A.P.
- 4) 3 day Workshop on ‘Solar Energy Devices’ 20th -22nd March 1998.
Sponsored by APCOST, Govt., of A.P.
- 5) 5 day Training Programme on ‘Energy Devices’ 23rd -27th November 1999.
Sponsored by APCOST, Govt., of A.P.
- 6) 3 day Training Programme on ‘CFL – CONVENTIONAL LAMPS’
28th -30th March 2000. Sponsored by APCOST, Govt., of A.P.
- 7) National Seminar on Crystallography
- 8) National Seminar on Solar Cell Materials

J. Teaching Experience

S. No.	Course	Name of the University	Duration
1.	P.G.	Osmania University	31 years
2.	U.G.	Osmania University	5 years
3.	P.G.	Palamuru University, MBNR	2 years

Total Teaching Experience: 33 Years

K. Innovations /Contributions in Teaching

- a) Design of curriculum Designed Physics Syllabus for B.Tech I year Students
- b) Teaching methods Adopted new teaching methods while solving numericals
- c) Laboratory experiments Designed new experiments for PG and 4 experiments for B.Tech Students
- d) Evaluation methods Feedback from students to assess teaching qualities(every year).
- e) Preparation of resource material Prepared resource material for Junior & Degree lecturers training/orientation programmes.
- f) Remedial teaching/Counselling (academic) Counselling was conducted for B.Tech/B.Sc. students withtelugu medium background at 10 + 2 level.
- g) Extension Lectures Delivered number of extension lectures for P.G., U.G., Students and for faculty members at various Academic Staff Colleges

L. Administrative Experience

Name of the Organization	Designation	Period	Total service
Osmania University	Student Coordinator	1987-89	2 years
Osmania University	University Hostels Warden	1993-95	2 years
Osmania University	Coordinator, State Level Technical, Backup Unit (APCOST)	1996-1998	2 years
Osmania University	Addl. Controller of Examinations (Confidential)	1999-2005	6 years
Osmania University	Controller of Examinations	2005-2007	2 years
Osmania University	Chairman, Board of Study in Physics	2012-2013	1 year
Osmania University	Coordinator, Special Assistant Program (UGC)	2012-2013	1 year
Osmania University	Coordinator, Nano Science Program (DST)	2011-2013	2 years
Osmania University	Director, Electronic Multimedia Research Center	2012-2013	1 year

M. National/International recognition by way of Awards won for Excellence in Research/Teaching/Social Work/ Community imparting work.

- a) Awarded **Post – Doctoral Fellowship at abroad** for a period of ONE year (1990 – 1991) by Govt. of BRAZIL to work at Depto. De Fisica, Universidade Federal do Parana, BRAZIL.
- b) Won the best research paper presentation award in 5th Brazilian conference on Semiconductor Physics held at Universidade Estadual, SAO PAULO, BRAZIL (1991).
- c) Delivered **SIX** extension lectures at different Universities in BRAZIL.
- d) Number of training Classes were conducted to Lecturers working in Govt. Junior colleges on revised syllabus organized by Dept. of Social Welfare, Govt. of A.P.
- e) Acted as a Chairman of the evaluation committee for the National Children's Science Congress with a focal theme "INDIA OF OUR DREAM – LET'S GO FOR IT" conducted by Andhra Pradesh Academy of Sciences during 2nd and 3rd NOV. 1996. And also as a Member of evaluation committee for a similar programme on "CLEANER INDIA and GREENER INDIA" held during Oct. 1998.

N. Participation in Corporate Life

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| a) College/University/Institution | Present as a member of several Committees of Colleges |
| b) Co-curricular activities | Participated in NSS, SPORTS and Cultural Activities |
| c) Enrichment of campus life | |
| d) Students welfare and discipline | Acted as Students Welfare Officer |
| e) Professional Organization of Teachers | |

O. Annual Convocations Conducted

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| 78 th Convocation of Osmania University 2004, Special invitees | _____ |
| 79 th Convocation of Osmania University 2006, Special invitees | Dr. Abdul Kalam,
President of India. |
| 1 st Convocation of Palamuru University 2014, Special invitee | Prof. A.N. Rai
NAAC Chairman
Bangalore, India |

P. Professional Bodies/Membership of Editorial Boards/Reviewers of Recognized Journals

- a. Founder and Life Member of
- Life member of Crystal Growth Society of India.
 - Life member of Materials Research Society of India.
 - Life member of Semiconductors Society of India.
 - Member of Semiconductor Society, PARANA, BRAZIL.
- b. Member of
- Brazilian Semiconductor Society
 - Organising Committee for the SLTBU, APCOST, Govt. of A.P. on Solar Devices.
- c. Reviewer for the accredited journal, *Physica Status Solidi (a)*, and reviewed **TWO** papers during 1999 – 2000.
- d. Reviewer for the accredited journal, *Journal of Alloys and Compounds* and reviewed **THREE** papers during the year 2000 and 2004.
- e. Acted as a Scientific expert to judge the best presentation in the National Children Science Congress held at Hyderabad, India, in the year 1998.

Q. Coordinator for Competitive Examinations

- i. P.G. Entrance examinations during 1999 - 2007
- ii. M.Phil Entrance examinations during 1999 - 2007
- iii. Police Recruitment Board Examinations
- iv. Departmental promotion eligibility tests (Assistant Registrar, Deputy Registrar)

R. Presently involved with the Academics & Administration at Palamuru University as Professor and Special Officer (Examination)

Signature