

BIO-DATA

1. Name : Dr. Smt. G. Prasanthi

2. Date of Birth: 04-07-1971

**3. Designation: Professor of Mechanical Engineering,
JNTUA College of Engineering, Ananthapuramu**



4. Address for communication: #28/5/137, MIGH : 22,
A.P. Housing Board Colony,
Ananthapuramu – 515002.

Contact numbers: 08554-246704, 08554-223456,

Mobile: +91 9849863466 (P)

E-mail ID: prasanthiprogramme.jntua@gmail.com, prasanthi.mech@jntua.ac.in

5. Educational Qualification:

Name of the Board / University	College	Year in which degree has been obtained	Class or Division of marks with % of marks.	Subjects taken for specialization
Board of Secondary Education, Hyderabad, A.P.	St. Augustine's Eng. Medium High School, Anantapur	April, 1986	First class, 84.16 %	
Board of Intermediate Education, A.P.	Sri Sathya Sai Arts and Science College for Women, Anantapur	April, 1988	First class, 83.8 %	MPC
JNTU University, Hyderabad.	JNTU College of Engineering, Anantapur.	June, 1992	First class with Distinction, 79.76 %	B.Tech Mechanical Engineering
Birla Institute of Technology and Science, Pilani, Rajasthan.	BITS, Pilani, Rajasthan.	June, 1994	CGPA : 8.84 , on 10 point scale	M.E Mechanical Engineering
JNTU University, Hyderabad.	JNTU College of Engineering, Anantapur.	June, 2007		Ph.D in Mechanical Engineering

6. Details of Employment:

Name of the Institution	Post Held	Period
Ms. Bharat Dynamics Limited, Hyderabad.	Project Trainee	5 months, 10 days in 1994
KSRM College of Engineering, Cuddapah.	Lecturer (Assistant Professor)	21 days in 1994
JNTU College of Engineering, Anantapur.	Academic Assistant (Lecturer)	3 months in 1995
G.Pulla Reddy Engineering College , Kurnool	Lecturer (Assistant Professor)	4 years 3 months 24 days (from June, 1995-October, 1999)
JNTU College of Engineering, Anantapur.	Assistant Professor	Joined JNTU on 31/10/1999 1 year 8 months 17 days
JNTU College of Engineering, Anantapur.	Assistant Professor (Senior Scale)	1 year 10 months 14 days
JNTU College of Engineering, Anantapur.	Associate Professor	1/6/2003-28/2/2010 6 year 9 months
JNTUA College of Engineering, Anantapur.	Professor	Since 1/3/2010
JNTUA, Ananthapuramu	Co-ordinator, Women Empowerment Cell	January, 2015 to June, 2021
JNTUA, Ananthapuramu	Director, Industrial Relations and Placements & School of Continuous and Distance Education	October, 2016 to April, 2018
JNTUA, Ananthapuramu	Director, School of Continuous and Distance Education	October, 2016 to April, 2021
JNTUA, Ananthapuramu	Director, Faculty development & IQAC	March ,2018 to April, 2021

i. Industrial Experience: 5 months at Ms. Bharat Dynamics Ltd., Hyderabad.

ii. Teaching Experience: 27 years.

7. Doctoral work:

“Multi Attribute Decision Making – Applications for the Design of Flexible Manufacturing Systems”

8. Research Guidance:

B.Tech Projects: 50

M. Tech Projects: 87

Ph.D : 7 completed, 1 submitted

9. Research Projects:

i. Completed AICTE (R& D) Project during 2001—2003 worth Rs. 2.5 lakhs.

“ Multi- Attribute Decision Models for the Design and Operation of FMS “

ii. Completed Project under Innovative Research Programme, UGC XII Plan, 2015-2016.

“Development of a Flexible Domestic Solar Dryer”

iii. Completed IEI R&D project “Synthesis and Characterization of Biodegradable composites by Bio-degradable composites as an alternative materials in High Tunnel Agricultural Applications” as Co-investigator, 2017-2018

10. Research Publications:

- i. Books/ Chapters :4
- ii. International Conferences : 32 (one best paper)
- iii. National Conferences :17
- iv. Seminars : 1
- v. Monographs : 1
- vi. Journals: National: 9 and International :130

11. Number of Workshops and Short Term Training Programmes attended: 44

12. Membership in Professional bodies :

- ISTE (LM 22554)
- FIE (F-117517-5)
- IJERIA :ISSN 0974-1518 (LM 2152)
- FISME, ISRPM
- ASCI Association Life Membership (Prg/15-16/6/204/60146)

13. Administrative Experience:

- i. Director, Faculty Development and IQAC.**
- ii. Director, School of Continuous and Distance Education.**
- iii. Director, Industrial Relations and Placements.**
- iv. Co-ordinator, Women Empowerment Cell, JNTUA.**
- v. Head of Mechanical Engineering Department, JNTUA College of Engineering, Anantapur from September,2010- November,2012.**
- vi. Officer In-Charge of Work-shop and Transport at JNTUA College of Engineering, Anantapur ,September,2008- September,2010.
- vii. Headed“ Protection of Girl Student Committee “ of JNTU CEA, constituted as per National Commission for Women , New Delhi.
- viii. Nodal Officer for a pilot project by British Council & APSICHE,
- ix. Officer I/C, Entrepreneurship Development Cell, from July, 2015 to November, 2016, JNTUA CEA.
- x. Mechanical Engineering Students’ Association Co-ordinator at JNTU College of Engineering, Anantapur, 2005-2009.
- xi. Workshop In-charge at G. Pulla Reddy Engineering College, Kurnool.
- xii. Academic Section work at G. Pulla Reddy Engineering College, Kurnool.

14. Others:

- i. Governing Body member for some JNTUA autonomous and affiliated Colleges.
- ii. Single men Committee and Fact finding Committee member for inspecting Self – finance Institutions under JNTU.
- iii. Examiner for setting question paper to APPSC, Hyderabad and faculty recruitment.
- iv. Expert for Moderation of Question bank for On-line Examinations of JNTU University.
- v. Expert for Preparation of Question bank for On-line Examinations of JNTU University.

- vi. External Examiner for Project work evaluation and Doctoral works.
- vii. Member of Alumni Committee, JNTU College of Engineering, Anantapur.
- viii. Member for preparation of Department inputs and proposals to NBA, UGC, NAAC, AICTE .
- ix. Committee member for the Inaugural function of the Diamond Jubilee Celebrations of JNTU College of Engineering, Anantapur.
- x. Committee member to Study malpractice cases at JNTU College of Engineering, Anantapur.
- xi. Committee member for College Day, Sports Day, Cultural Day celebrations of JNTUCEA.
- xii. In-charge of various laboratories and routine Department works like timetables, lab exam co-ordinator, syllabus co-ordinator etc.
- xiii. Instrumental in setting up of CAD/CAM laboratory in the Department.
- xiv. Instrumental in introducing and teaching Robotics in JNTU College of Engineering, Anantapur.
- xv. Co-ordinator and Chairman for DYNAMECHS , an yearly Students conference organized by the Mechanical Engineering Department, JNTUCEA.
- xvi. Executive Council member of Teaching Staff Association, JNTU College of Engineering, Anantapur.
- xvii. Served as BOS (PG and UG) member at JNTUA CEA , JNTUA and special invitee for BOS, JNTUA University, Anantapur, BOS member for SSPMVV, Tirupathi and Yogi Vemana University, Kadapa.
- xviii. Chairman/Purchase Committee member for procuring various equipment for the University/College.
- xix. Doctoral committee, Research review/Expert committee member for review of Ph.D works.
- xx. Chairman/Member for Committees constituted by JNTUA to carryout various confidential works.
- xxi. UG Board of Studies in the faculty of Mechatronics, JNTUA, Ananthapuramu.
- xxii. Domain Knowledge Expert for assessing project proposals for TOCIC etc.
- xxiii. Expert Member for Staff selection at Sri Padmavati Mahila Visvavidyalayam, Tirupati, RGUKT, SKIT and various institutions.**
- xxiv. Also acted as Women's representative in faculty selections (both CAS and regular)
- xxv. NPIU-MHRD expert for guidance on accreditations to 1.1 institutes under TEQIP Phase-III
- xxvi. Editorial board member and review committee member for various journals.
- xxvii. Had been a State Government Nominee to Colleges in the category of Industrialist/Technologist /Educationist.
- xxviii. PrasarBharathi All India Radio, Ananthapuramu, (a) Interview on "Renewable Energy Sources" broadcasted on 7th August, 2014 and (b) Interview on "Solar Energy Applications" broadcasted on 21st August, 2014.
- xxix. Resource person for various on-line webinars and FDPs.
- xxx. Had been Chairperson, ICC, JNTUA and Co-ordinator, AICTE for Women Grievances in JNTUA.
- xxxi. Had been Co-ordinator , Data Centre, JNTUA.
- xxxii. Evaluator for DISR, PRISM, Projects.
- xxxiii. JNTUA , Regional Co-ordinator for Universal Human Values Cell at JNTUA.
- xxxiv. Had been AICTE Co-ordinator for Text Book Writing in Telugu
- xxxv. Had been Additional Chief Co-ordinator for developing e-content for Students (APSCHE).
- xxxvi. AICTE Expert member for EVC.

15. Programmes organized: 74

16. Invited Lectures (Technical/General) : 18

17. Regarding placement activity and industrial relations:

As many as 25 companies, (including APITA Job fair) participated in recruitment drives at JNTUA. From January 2017 to March 2018, 540 aspirants are offered jobs, out of which about 200 are Engineering and MCA graduates, 38 are Pharmacy students, 70 are MBA students. Co-ordinated off-campus drives for companies like Infosys, Medhaservo, Emphasys, Burger paints etc.

Students are also provided with paid internships in reputed companies like Parkcontrols, Quadgen etc.

Instrumental in concluding an MOU with Pariksha.co for placement training at free of cost to all the University students.

Tried to establish relationship with companies like Feuji, Kia Motors India

18. Co-ordinated various Government Programmes/Activities at the University:

- i. AP Innovation Society Programmes.
- ii. AP Janmabhoomi Programme by Sri.Jayaram Komati.
- iii. World University Rankings like THE(Times Higher Education) and QS.
- iv. NYKS programme.
- v. National Women's Parliament at Amaravati .
- vi. Polavaram Project Visit.
- vii. British Council and APSCE pilot on English Communication and Soft Skills.
- viii. Establishment of Internal Complaint Committee (ICC) for dealing with cases of sexual harassment and filing of annual returns to UGC by all Constituent and Affiliated Colleges of JNTUA.
- ix. Co-ordinated for the organization of programmes to generate awareness about legal rights for Women on the behest of Chairperson, AP Women's Commission.
- x. Co-ordinated for the organization of NAAC sponsored programmes for IQAC.
- xi. Co-ordinated for the sanction of various Faculty Development Programmes by Faculty Development Cell. AICTE.

19. Other Significant contributions:

- i. AICTE Regional Co-ordinator, SCRO and NCC-IP Sub Committee member for Student Induction Programme
- ii. Served as University Co-ordinator for AICTE-JNTUA Faculty Development Programmes
- iii. Served as University Co-ordinator for AICTE –SIP Faculty Development Programmes
- iv. Co-ordinated for the sanction for ATAL Academy Programmes
- v. Co-ordinated for the sanction of **Intellectual Property Rights Centre for MSMEs at JNTUA worth 98.96 Lakhs**

20. Awards received:

- i. State Best University Teacher Award from Hon'ble Chief Minister of Andhra Pradesh, Sri Nara Chandra Babu Naidu on 05-09-2018 at Amaravathi.
- ii. Innovative Technologist Scientific Research & Dedicated Excellent Professor Award by ISRPM (Innovative Scientific Research Professional Malaysia), at Kuala Lumpur, Malaysia on 22nd October, 2017.