



*Ganitha Darpanam (Volume-1, A.Y 2023-24)*

*(Mirror of Mathematics)*

*Dept. of Mathematics :: Bapatla Engineering College*

Available at <http://becbapatla.ac.in/math>



## **9. Heartfelt Homage to Dr. N. Prabhakara Rao, Ex-HOD, Professor, Dept. of Mathematics, BEC**



Dr. Nagalla Prabhakara Rao was born on November 21, 1954, in Amrutaluru village near Tenali. He completed his early education at Z.P. High School in Amrutaluru, followed by his P.U.C. and B.Sc. in Mathematics at V.S.R. College, Tenali. He was among the top rankers in studies right from his school days and won several prizes. His passion for mathematics led him to pursue M.Sc. from the P.G. Center in Nallapadu, now Acharya Nagarjuna University, before earning a Ph.D. in 1977 from Andhra University under the esteemed guidance of Prof. K.L.N. Swamy, whom Dr. Rao revered as a profound mentor, instrumental in shaping his academic journey.

His expertise in Group Theory, Graph Theory and Autometrized Algebra led to the publication of 14 research papers in prestigious international journals, along with 10 papers in national journals. His groundbreaking work in these areas attracted the attention of Prof. Kiyoshi Iseki of Kobe University, Japan, resulting in an invitation to collaborate and contribute to the esteemed *Mathematica Japonica Journal*.

The extensions Dr. Nagalla Prabhakara Rao proposed to the theorems by Griss in Group Theory were so significant that the then Editor of the *Mathematica Japonica Journal* suggested that from then onwards, the Algebra must be known as Griss - Rao Algebra.

In 1977, he began his teaching career at Siddhartha Engineering College as a Lecturer in the Mathematics department. Encouraged by Prof. S.R. Parimi, he explored programming on the HCL mini-computer, igniting a lifelong passion for coding and software development alongside his teaching of mathematics.

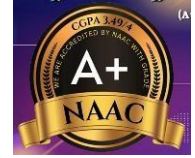
In 1983, he joined Bapatla Engineering College, where he spent over three and a half decades, contributing not only as a dedicated teacher but also in various administrative roles. He served as Professor and HoD of Mathematics, Examinations Officer, Founder Director of the Computer Center, Founder HoD of Computer Science

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

*“Dept. of Maths promotes computational nature; Computational nature enriches the students’ future”*



*Ganitha Darpanam (Volume-1, A.Y 2023-24)*  
*(Mirror of Mathematics)*  
*Dept. of Mathematics :: Bapatla Engineering College*  
Available at <http://becbapatla.ac.in/maths>



and Engineering, and Founder In-charge of Bapatla Junior College.

He was instrumental in starting the B. Sc (Computer Science) course at Bapatla Arts College. A student of that first batch was from Telugu medium all along up to then. But his performance in the oral interview on explaining a topic in programming in Pascal language (taught by Dr.NPR) was so impressive that he was one of the 7 selected in the all-India interview to work on the super computer at IISc, Bangalore. There were hundreds of applicants, some of them from IITs. I was told that the doyen of computer education in India, Prof. Rajaraman (of IIT Kanpur and later IISc, Bangalore) himself was the head of the interview committee.

He is a passionate teacher of Mathematics and Computer Science. His students continue to fondly remember and share memories of his exceptional teaching, mentorship, and guidance, a testament to the lasting impact he had on their lives and careers. His first-generation non- computer science students, particularly those settled in the USA, warmly credit their coding skills and career success to his transformative teaching of programming.

One of his many notable accomplishments was establishing and managing the M.Sc. (Mathematics) program at Bapatla Engineering College, which produced university gold medalists for a decade. Later in his career, his passion for research was rekindled, and he played a key role in establishing University-recognized Research Center at the college. Under his supervision, 12 scholars were awarded M.Phil degrees, and 3 earned Ph.D. degrees, setting his legacy as an influential researcher.

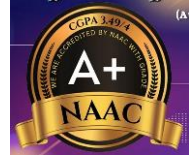
He has established various ideal procedures in Mathematics department to benefit and encourage the students. Even today all faculty in the department are following in his footprints as these procedures became the landmark in the department for the newly joined faculty members. His unwavering and tireless efforts made the department as one of the departments of the college with proven academic excellence.

He held great respect and gratitude for Sri Muppalaneni Seshagiri Rao, Former President of Bapatla Education Society, Sri Manam Nageswara Rao Rao, Secretary of Bapatla Education Society, Executive Committee members and Governing Body members for their support and encouragement. His unwavering dedication to education and administration left an indelible mark on Bapatla Engineering College.

Dr. Nagalla Prabhakara Rao passed away on December 30, 2023, leaving behind a remarkable legacy of academic excellence, mentorship, and service.

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

*“Dept. of Maths promotes computational nature; Computational nature enriches the students’ future”*



## **Valuable Opinions on Dr.N.Prabhakar garu**



Dr. Nagalla Prabhakara Rao completed his Ph.D under my guidance in 1977. Throughout his career, he consistently embodied integrity, humility, and respect. He showed profound respect towards his teachers, and while students often remember their teachers, in Dr. N.P.Rao's case, the teachers will always remember him for his dedication and good character.

**-Dr.K.L.N.Swamy, Retired Professor, Andhra University, Visakhapatnam.**

"It is a privilege to have been a colleague of Prof. Nagalla Prabhakara Rao Garu during his distinguished tenure. His remarkable personality, nurturing demeanor, unwavering dedication, and relentless pursuit of knowledge have left an indelible mark on me. I am proud to have adopted many of the exemplary qualities he demonstrated, particularly his selfless service to Bapatla Engineering College, where he devoted over three and a half decades of invaluable contributions."

**-Dr. Nazeer Shaik, Prof. & Principal, Bapatla Engineering College(A),Bapatla-522102., A.P**

Prof. Nagalla Prabhakara Rao Garu is one of the greatest teachers in my student career. Really, I feel it as a boon and am proud to be his student. I am impressed with his personality, parental affection, unselfish service, and endless quest for knowledge. I acquired so many good qualities from him. Especially I don't forget his yeoman services to the Dept. of Mathematics, Bapatla Engineering College, Bapatla for more than three decades.

**-Dr.K.V.L.N.Acharyulu, Associate Professor & Head, Dept. of Maths, BEC, Bapatla-522102, A.P.**

I feel truly fortunate to have a close and direct association with Dr. N. Prabhakara Rao garu, the former Head of our department, who has shaped the future of countless students through his exceptional teaching, guidance, and encouragement. He played a

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

***"Dept. of Maths promotes computational nature; Computational nature enriches the students' future"***

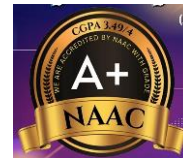


*Ganitha Darpanam (Volume-1, A.Y 2023-24)*

*(Mirror of Mathematics)*

*Dept. of Mathematics :: Bapatla Engineering College*

Available at <http://becbapatla.ac.in/maths>



pivotal role in guiding me from the very beginning of my career as a mathematics lecturer. His approach to teaching, especially in mathematics and computer science subjects like C programming, is truly inspiring. Dr. N.P.Rao garu has set a benchmark of excellence that generations of educators and students should strive to follow.

***-Dr.P.Vijaya saradhi, Professor, Dept. of Maths, BEC, Bapatla-522102, A.P.***

My association with Dr. N. Prabhakara Rao garu, both as a first-batch M.Sc. student and as a colleague, spanned almost 34 years. It is with great admiration and respect that I express my gratitude for the privilege of being his student and colleague. His approach to students is exemplary and serves as an ideal model for any aspiring educator. He teaches with in-depth knowledge and a true passion for the subject, making every lesson not only informative but also inspiring. He led the department with a family-like approach, fostering a sense of community and collaboration among his colleagues. Dr. N. Prabhakara Rao Garu was a genuine academic role model in the college, possessing a rare combination of professional discipline and personal warmth. His contributions to the college in various capacities have influenced future generations.

***-Dr.T. Srinivasa Rao, Associate Professor, Dept. of Mathematics, BEC, Bapatla.***

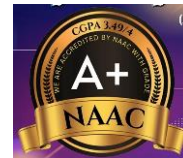
I consider myself extremely lucky to have a close and direct relationship with Dr. N. Prabhakara Rao garu, the former head of our department, whose outstanding instruction, direction, and support have influenced the destiny of innumerable students. Since the start of my career as a mathematics lecturer, he has been instrumental in helping me along the way. His method of instruction is incredibly motivating. Generations of teachers and students should aim to meet the high Standards set by Dr. N. Prabhakara Rao garu.

***-N. Karunakar, Assistant Professor, Dept. of Maths, BEC, Bapatla-522102, A.P.***

My close association with Dr. NPR garu goes back to 1980 July (when I joined VRSEC, Vijayawada) and lasted till March 1998 (when I left Bapatla). I could not believe that a researcher of international repute and extraordinary teaching skills could be so young and yet so humble and down to earth. One of my happiest moments was when he and I, as Examinations Officers at BEC, sat down and "discovered" the reason as to why  $(4n+2)$  number of rows of benches, and four sets of question papers is the perfect seating plan. (This was adapted by JNTU much later). That he used to sleep just a few hours every day to prepare for M.Sc.(Maths) classes, is an example of

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

***"Dept. of Maths promotes computational nature; Computational nature enriches the students' future"***



his total dedication and hard work. My mother used to say of him, "By looking at his sharp nose, we can make out how sharp his intelligence is!".

***-Prof. D. Varada Raju, Retired Professor, Dept. of Mechanical Engineering, Gayatri Vidya Parishad College of Engineering, Visakhapatnam.***

My association with Dr. NPR garu was almost for 35 years, initially as a fellow faculty member at VRSEC in the years 1981-83 and it continued at BEC, Bapatla. My impression of Dr NPR garu was that he was a very simple person with true humility and a highly compassionate person. His academic achievements were many. His commitment and dedication towards teaching profession was exemplary. Because of all these qualities he was considered as the number one teacher of BEC not only by the M Sc (Maths) and research students but also by the B Tech students of all engineering branches. Finally, Dr NPR garu was a great family man, a great intellectual and a great friend to many and this list goes on. I hope his spirit lives on with us and with BEC for ever.

***-Prof. V C A Vara Kumar, Professor of Mechanical engineering (Retd), Bapatla Engineering College, Bapatla.***

Dr. N. Prabhakar Rao was head of the department of mathematics, when I first joined Bapatla Engineering College (BEC), Bapatla, in the September month of 1989 and also when left in November of 1991. As a person, he is very punctual, well-disciplined and a meticulous organizer. His way of handling the students is ideal for any upcoming teacher. He is very helpful, cooperative, compassionate, understanding and at the same time strict abiding by the rules. Even the department, he ran more as a family head. He was instrumental in getting the PG program of MSc in Applications oriented Mathematics to the BEC under the affiliation to Acharya Nagarjuna University, Guntur. Especially the first batch of M.Sc students who I taught are always memorable. In total, I always have fond memories of BEC.

***-Dr. N V E S Murthy, Retired Professor and Head, Department of Mathematics, Andhra University, Visakhapatnam.***

I was in the dept. of mathematics, Bapatla engineering college for 7 years. Dr N. Prabhakara Rao sir encouraged me a lot in the beginning of my career as I am a young teacher at that time. He is a dedicated and sincere teacher. It is a great honor for me to work with all senior faculty and especially with Dr N. Prabhakara Rao sir.

***-Kambampati Srinivasa Rao, Mathematics Teacher, Viva the CBSE school, Nambur.***

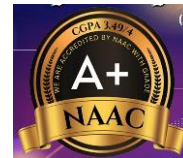


*Ganitha Darpanam (Volume-1, A.Y 2023-24)*

*(Mirror of Mathematics)*

*Dept. of Mathematics :: Bapatla Engineering College*

Available at <http://becbapatla.ac.in/maths>



Prof. N. Prabhakara Rao my esteemed research supervisor trained me to become a sincere teacher, valuable researcher and real academician. His principle of leading honest life, self-discipline and subject knowledge attracted everyone. We were associated from Sep 1996 as a colleague, student at Bapatla Engineering College. He has made remarkable academic contribution to this institution and society. I am today in this position only due to his guidance and support in my career.

***-Dr. J. Baskar Babujee, Professor of Mathematics, Department of Applied Sciences and Humanities, Anna University, MIT Campus, Chennai-600 044,India.***

One of the best teachers I have ever had was Prof. N. Prabhakara Rao Garu. I was a first batch student of Dr. N. Prabhakara Rao garu. I have struggled a lot when I was joined in M.Sc at Bapatla Engineering College. At one stage I thought that I should do course discontinuity. But with his proper guidance and parental care, I have successfully completed the course. It shows how a teacher's encouragement can turn a difficult situation into a life-changing experience. Having such a mentor is indeed a rare and precious gift to me. To be honest, I consider it a blessing and am honoured to be his student. I am grateful to have such an inspirational teacher. He taught me so many positive traits. It's my fortunate to associate with him till his last breath.

***-G. Ravi Kumar, AGM, Sri Chaitanya Educational Institutions, Telangana.***

Dr. N. Prabhakar Rao sir is sincere, hardworking and inspirational person. I have worked for 8 years in the department of mathematics, Bapatla Engineering College under his prominent leadership.

***-Uppalapati Rambabu, Lecturer in Maths, Bhashyam Educational Institutions, Guntur.***

Dr. N. Prabhakar Rao sir is sincere, very punctual and well-disciplined person. He is so helpful to his colleagues and students.

***-Dr. A. V. V. Satyanarayana, Retired Professor of Mathematics, R.L.Jalappa Institute of Technology, Doddaballapura, Bangalore.***

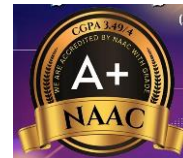
Dr N Prabhakar Rao, formerly, the Head of the Department of Mathematics of Bapatla Engineering college, is an able administrator, shrewd mathematician and a strong human being who always strove for excellence in academics, progress of his students, betterment of the college and upliftment of the society at large. He was the Head of the department, when i joined the Department of Mathematics of Bapatla Engineering College. My first observation was that he wanted everyone of his students and faculty

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

***"Dept. of Maths promotes computational nature; Computational nature enriches the students' future"***



*Ganitha Darpanam (Volume-1, A.Y 2023-24)*  
*(Mirror of Mathematics)*  
*Dept. of Mathematics :: Bapatla Engineering College*  
Available at <http://becbapatla.ac.in/maths>



to be updated with the latest developments in the field of mathematics in the teaching-learning process. His meticulous planning, his adherence to the human and moral values, his thirst for upgrading knowledge not only in himself but also in his students and faculty make him a unique academician par excellence. His approach towards students has always been holistic and the mentoring pattern adopted by him is a model for every teacher who handles post graduate students of mathematics.

***-Dr D. Prathap, Associate Professor, Dept. of Mathematics, CMRIT, Bangalore.***

Prof. N. Prabhakara Rao Garu was one of the most exceptional teachers I've had. I had the privilege of being a first batch M.Sc student of Dr. N. Prabhakara Rao garu. My journey during M.Sc at Bapatla Engineering College was filled with challenges, but under his able guidance and care, I am successfully completed the course. Even the course was started very late, with his meticulous planning and commitment the first year M.Sc course was completed in time. I am deeply thankful for having such an inspiring teacher who imparted numerous positive qualities and good teaching skills to me .

***-Chaganti Jayaram, Lecturer in Mathematics, Sri Chaitanya IIT Campus, Madeenaguda, Hyderabad.***

Prof. N. Prabhakara Rao garu stands out as one of the most exceptional teachers I have ever had. I had the privilege of being a first batch student of Dr. N. Prabhakara Rao garu in Bapatla Engineering College. His sincere hard work, motivation and parental care helped me in completing my M.Sc course very smoothly. I am very fortunate to have such an exceptional teacher who molded me as I am today.

***-Mamillapalli Srinivasa Rao, Spatial – System Makers for uPVC | WPC | AI Building Solutions, Nellore.***

I had unforgettable memories in my life with Bapatla Engineering College, Mathematics Department, and Dr. Nagalla Parabhakara Rao (NPR) Garu. Dr. NPR is an acronym that stands for Noble, Passionate, and Respectful. I am grateful to have such an inspirational teacher. His deep knowledge, dedication, and passion for teaching make every lesson engaging and insightful. Also his patience, kindness, and unwavering support have made a significant impact on my learning journey. Thank you for being a mentor, colleague, and source of inspiration. I associated with him six years, really its is a GOD's gift for me.

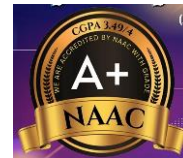
***-Dr. Srinivasa Rao Ummity, Associate Professor, School of Computer Science and Engineering , Vellore Institute of Technology, Chennai.***

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

***"Dept. of Maths promotes computational nature; Computational nature enriches the students' future"***



*Ganitha Darpanam (Volume-1, A.Y 2023-24)*  
*(Mirror of Mathematics)*  
*Dept. of Mathematics :: Bapatla Engineering College*  
Available at <http://becbapatla.ac.in/maths>



I did my M.Phil under the able guidance of Dr. N. Parabhakara Rao garu. He possessed a high level of expertise and proficiency in research, which greatly enhanced my academic work. Besides his research guidance Dr. N. Parabhakara Rao garu also provided valuable advices on personal matters, helping me to succeed in various aspects of my life. His support extended to both of my career advancement and personal growth, made me an indispensable resource person in both the areas.

***-K. Kiran Kumar, Assistant Professor, Dept. of Mathematics, PVP Siddhartha Institute of Technology, Vijayawada.***

Dr. Nagalla Prabhakara Rao is the best professor in my life. He is a fantastic educator who truly cares about my success. I appreciate his patience, encouragement and willingness to support me throughout the course. He saw something in me that I didn't see in myself. I am still using a skill he taught me.

***-Shaik Shareef, Assistant Professor, Department of Mathematics in BS&H, Narasaraopeta Engineering College (Autonomous), Narasaraopeta.***

It is with profound respect and admiration that I pay tribute to Prof. Nagalla Prabhakara Rao garu whose remarkable qualities as a teacher, mentor, and motivator had been an inspiration for me. It had always been a privilege to work under his esteemed guidance since the inception of my career as an Assistant Professor and later as an Associate Professor in the Mathematics Department at BEC, Bapatla. His exemplary character, expertise, and unwavering pursuit of knowledge had profoundly influenced me. The valuable qualities I had gained from his mentorship significantly contributed to my professional growth, particularly during my tenure as In-Charge Principal at BWEC, Bapatla.

***-Dr. D. V. Lakshmi, Professor, School of Computer Science and Engineering VIT-AP University, Amaravathi.***

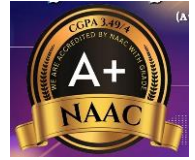
He is kind and generous, a passionate and intelligent teacher who always strived for perfection. His calm yet commanding presence and mastery of the subject during lessons left a lasting impact on me. I can't forget the watch on his right hand something you don't often see shining brightly as his strong voice filled the room. Now, when I find myself in the classroom, I realized with great joy that we continue his legacy. And my teaching style has naturally adopted his approach.

***-Dr. Chudamani Ramineni, Sr. Assistant Professor, Department of Mathematics, PVP Siddhartha Institute of Technology, Vijayawada.***

**Copyright@ 2024 by Dept. of Mathematics-BEC, Bapatla, All Rights Reserved**

***"Dept. of Maths promotes computational nature; Computational nature enriches the students' future"***



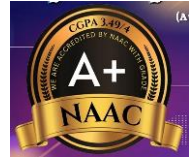


## Photo Gallery of Prof.N.Prabhakara Rao garu





*Ganitha Darpanam (Volume-1, A.Y 2023-24)*  
*(Mirror of Mathematics)*  
*Dept. of Mathematics :: Bapatla Engineering College*  
Available at <http://becbapatla.ac.in/maths>





*Ganitha Darpanam (Volume-1, A.Y 2023-24)*  
*(Mirror of Mathematics)*  
*Dept. of Mathematics :: Bapatla Engineering College*  
Available at <http://becbapatla.ac.in/maths>

