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Highlights : Department of Mathematics

Dept.Profile

Faculty

Syllabus

Student profile according to programmes of study, gender, region etc

The ratio of (Male/Female) the students who are joining

- i) M.Sc. Programme is 3:2
- ii) Ph.D Programme is 5:1
- iii) M.Phil programme is 3:2

- Around 96% of the students are from Telangana (Local region) and others are non-locals
- During 2003-08, 10 research papers were published by research scholars; one scholar was awarded Ph.D. and 11 students were awarded M.Phil. Degrees.

Changes made in the courses or programmes during the past five years and the contribution of the faculty to those changes

- Changes are made in curriculum of M.Sc. and Ph.D programmes during 2008-09 academic year. All the faculty members have deeply involved in the process of updating the syllabus in the courses pertaining to the above programmes.
- Faculty members have also suggested the syllabus for some interdisciplinary and job oriented electives in III and IV semesters which will commence during the next academic year.

Trend in the success rate and drop out rate of students during the last five years

- Success rate of the students in M.Sc. lies between 92-95 percentage and in M.Phil the success rate is 100%. The drop out rate in both the programmes is almost 5%

Learning resources of the department like library, computers, laboratories and other such resources

- The departmental library consists of 1036 standard texts and reference books.
- The computer laboratory consists of 20 computers and equipped with soft-wares like Java, C,C++, Pascal, dbase, lotus, visual basic and MS Office.
- One LCD projector and one OHP are being used by the faculty members in the lecture halls.
- Internet facility is also there in the laboratory.

Enhancement of the learning resources during the past five years

- One LCD projector and one OHP are procured during the last five years.
- Large number of (latest editions) books has been added to the departmental library
- Internet facility is provided.

Modern Teaching methods in practice other than the lecture method

- Lectures through power point presentation method are in practice.

Participation of teachers in academic and personal counseling of students

- Teachers are put on the job of academic and professional counseling of students. This will help the students in choosing the right profession or continuing the higher studies in proper professional courses

Participation of teachers in academic activities other than teaching and research

- Teachers of the department have participated as resource persons in the programmes, viz, Workshops, Training Programmes for U.G/P.G teachers of affiliated colleges. (see annexure 1,2,3,4.).
- Teachers have participated in the preparation of books for the course material of M.Sc. through distance education.(see annexure -7)
- Teachers have also participated in the writing /editing of text books for intermediate Education (see Annexure –

The thrust areas of the department

- i) Mathematical theory of elasticity.
- ii) Algebra.
- iii) Performance study of Internet Router – Matrix Geometric techniques.

Participation of the department in the extension activities of the university.

- Students of the department usually participate in NSS Programme and Blood donation camps.

Method of continuous student assessment

- The semester system with internal assessment will facilitate the student to go for two internal assessment tests and one end examination during each semester. This method provides the continuous evaluation of the students' performance and in turn it will help the student to be active during his studies.

Placement record of the past students and the contribution of the department to the student placements

- During the campus interviews on 6-5-2008, 12 students were selected for mentor posts in "Rajiv Gandhi University of knowledge technologies". One student has got the position of teaching assistant at Jawaharlal Nehru Technological University

Significant achievements of the department or faculty or students during the past five years

- One student of the department got through the NET examination and has been doing research at IIT, Madras.
- One student of the department got through the GATE examination and is doing M.Tech. (Computer Science) course at IIT Khargpur.
- 12 students got jobs in campus interviews for first time
- Two faculty members have presented their research papers in the international conference, held at Chennai and Coimbatore.
- One faculty member has presented two research papers in the international conference, held at New York.
- One faculty member has written four text books for intermediate education, published by Telugu academy.
- Department conducted one departmental conference, two workshops for U.G teachers and three training programmes for P.G teachers of affiliated colleges. Due to these programmes, the teachers of affiliated colleges can update their knowledge, teaching skills, and improve their quality of teaching and they can impart the quality education in the class rooms. So, this kind of efforts will reduce the quality gaps between good and average colleges so that there will be an over all improvement in the quality of higher education, and not limited to few institutions.
- Department organized a Research conference (XV congress of A.P. society for mathematical

sciences) during 11-13 Aug. 2006, due to this, the Teachers and research scholars have been benefited a lot from the deliberations took place in the conference.

DEPARTMENTAL CONFERENCE

Oct. 13, 2004.

- Programme Director: Prof. K.Sambaiah
- One day Departmental Conference for U.G Teachers was conducted on revised first year U.G (Mathematics) syllabus.
- 100 U.G Teachers attended this conference
- An accurate Method of conduct of practical classes in Mathematic was evolved.

WORKSHOP ON REAL ANALYSIS,

Oct. 27-28, 2005

- Programme Director: Prof. S. Raj Reddy
- Two-day Workshop for U.G Teachers was conducted on “Real Analysis”, which is port of U.G second year revised Mathematical syllabus.
- 140 U.G Teachers attended this conference
- Eight lectures were arranged on the following topics.
 - i. Sequences
 - ii. Infinite series
 - iii. Limits
 - iv. Continuity
 - v. Differentiation
 - vi. Maxima & Minima
 - vii. Properties of Riemann integrable functions
 - viii. Fundamental theorem of integral calculus

WORKSHOP ON RINGS AND LINEAR ALGEBRA,

July 13-14, 2006

- Programme Director: Dr. T. Srinivas
- Two-day Workshop for U.G Teachers was conducted on “RINGS AND LINEAR LAGEBRA”, which is in the curriculum of U.G third year revised syllabus.
- 150 U.G Teachers attended this workshop
- Eight lectures were arranged on the following topics.
 - i. Essentials of rings and fields
 - ii. Factorization of Polynomials
 - iii. Vector spaces-Bases and dimension
 - iv. Matrix Representation of a linear transformations
 - v. System of linear equations
 - vi. Eigenvalues and Eigenvectors
 - vii. Diagonalization
 - viii. Operators on inner product spaces

TRAINING PROGRAMME TO P.G TEACHERS OF AFFILIATED COLLEGES - Jan. 2-6, 2007

(Sponsored by APSCHE, Hyd.)

· Five-day Training Programme was conducted for P.G Teachers to update their knowledge in the subject contents pertaining to the syllabus of II,IV Semesters of M.Sc. (Mathematics).

· 36 P.G Teachers attended the programme.

· 16 lectures were arranged on the following.

Sl. No	Title of the lecture	Name of the Resource person	Date	Time
1.	Automorphism groups, fixed fields and separable, normal extensions	Dr.T.Srinivas	2-1-2007	2.00-3.30 pm
2.	Fundamental theorem of Galois theory and fundamental theorem of Algebra		2-1-2007	3.30-5.00pm
3.	Examples on Galois theory		3-1-2007	10.00-11.30am
4.	Topology of the real line	Prof.B.Ramabrahmam	3.1.2007	11.30-1.00pm
5.	Separation axioms		3.1.2007	2.00-3.30pm
6.	Bolzano-weierstrass theorem		3.1.2007	3.30-5.00pm
7.	Conformal mapping	Prof.T.Ram Reddy	4.1.2007	10.00-11.30am
8.	Normal families		4.1.2007	11.30-1.00pm
9.	Riemann mapping theorem		4.1.2007	2.00-3.30pm
10.	Bilinear transformations		4.1.2007	3.30-5.00pm
11.	Graphs	Prof.S.Raj Reddy	5.1.2007	10.00-11.30am
12.	Four color problem		5.1.2007	11.30-1.00pm
13.	Applications of network flows		5.1.2007	2.00-3.30pm
14.	Elementary functions		5.1.2007	3.30-5.00pm
15.	Fourier series		6.1.2007	10.00-11.30am
16.	The Gamma function		6.1.2007	11.30-1.00pm

**TRAINING PROGRAMME ON TOPOLOGY FOR
P.G. TEACHERS OF AFFILIATED COLLEGES -
MARCH8-11, 2008 - (Sponsored by U.G.C.)**

- Programme Director: Prof. S. Raj Reddy
- Four-day Training Programme was conducted for P.G Teachers to update their knowledge in the subject of TOPOLOGY
- 30. P.G Teachers attended the programme.
- 13 lectures were arranged on the following
- lecture notes was supplied to all the participants.

Lecture : 1	What is Topology? By Prof. I.Rama Bradhra Sharma	8-3-2008	11.30-1.00p.m
Lecture : 2	Topological Spaces	8-3-2008	2.00-3.30p.m
Lecture : 3	Open Bases and open sub bases. By Sri. K.Rajagopal Rao	8-3-2008	3.30-5.00pm
Lecture : 4	Compactness	9-3-2008	10.00-11.30a.m
Lecture: 5	Product Spaces By Prof. P.Veeramani	9-3-2008	11.30-1.00pm
Lecture : 6	Compactness for Metric Spaces	9-3-2008	2.00-3.30p.m
Lecture: 7	Some Examples on Totally bounded Metric Spaces By Prof. B.Ramabrahmam	9-3-2008	3.30-5.00pm
Lecture : 8	Separation	10-3-2008	10.00-11.30a.m
Lecture: 9	Theorems on Hausdorff Spaces By Dr. T. Srinivas	10-3-2008	11.30-1.00pm
Lecture :10	Completely regular spaces and normal spaces	10-3-2008	2.00-3.30p.m
Lecture: 11	Remarkable Theorems in Normal spaces By Prof. T.Ram Reddy	10-3-2008	3.30-5.00p.m
Lecture :12	Connected	11-3-2008	10.00-11.30a.m
Lecture: 13	Totally Disconnected Spaces Locally connected spaces By Dr. C.Goverdhan	11-3-2008	11.30-1.00pm

**TRAINING PROGRAMME TO P.G. TEACHERS
OF AFFILIATED COLLEGES**

July1-5, 2008 - (Sponsored by APSCHE, Hyd.)

- Five-day Training Programme was conducted for P.G Teachers on the subjects related to the syllabus I,III Semesters of M.Sc. (Mathematics).
- 26. P.G Teachers attended the programme.
- 16 lectures were arranged on the following.
- lecture notes was supplied to all the participants.

S1.No	Title of the Lecture	Name of the Resource Person	Date	Time
1.	The Hahn- Banach theorem	Dr.T.Srinivas, K.U.	01-07-08	2.00-3.30
2.	Application of Hahn-Banach theorem	Dr.T.Srinivas, K.U.	01-07-08	3.30-5.00
3.	Normal series	Dr C. Goverdhan, O.U	02-07-08	10.00-11.30
4.	Solvable Groups	Dr C. Goverdhan , O.U	02-07-08	11.30-1.00
5.	The Natural Imbedding of \mathbb{N} in \mathbb{N}^{**}	Prof. B.Ramabrahmam, K.U.	02-07-08	2.00-3.30
6.	The Spectral theorem	Prof. B.Ramabrahmam, K.U.	02-07-08	3.30-5.00
7.	Transition From Riemann Integration To Lebesgue Integration	Dr. P. Malla Reddy, K.U	03-07-08	10.00-11.30
8.	Comparision of Lebesgue and Riemann Integral	Dr. P. Malla Reddy, K.U	03-07-08	11.30-1.00
9.	Open Mapping Theorem	Prof. T. Ram Reddy, K.U	03-07-08	2.00-3.30
10.	Closed Graph Theory	Prof. T. Ram Reddy, K.U	03-07-08	3.30-5.00
11.	Sylow theorems	Prof. K. Satyanarayana, O.U	04-07-08	10.00-11.30
12.	Application of Sylow theorems	Prof. K. Satyanarayana, O.U	04-07-08	11.30-1.00
13.	Solution of boundary value problems.	Prof.K.Sambaiah,, K.U	04-07-08	2.00-3.30
14.	A Non measurable set	Prof. S. Raj Reddy, K.U	04-07-08	3.30-5.00
15.	Group action on a set	Prof. U.M.Swamy Andhra University	05-07-08	10.00-11.30
16.	Applications of G sets to counting	Prof. U.M.Swamy Andhra University	05-07-08	11.30-1.00

**XV CONGRESS of
ANDRAHA PRADESH SOCIETY FOR MATHEMATICAL SCIENCES**
Aug.11-13, 2006 - (Sponsored by KU and U.G.C)

- Organizing Secretary : Dr.T.Srinivas
- Presidential address by Prof.U.M.Swamy,

GALOIS CONNECTIONS

- Keynote Address by Prof. T.K.V Iyengar,

STATE SPACE APPROACH TO A PROBLEM IN FLUID DYNAMICS

- 130 members attended this Three-day Conference..
- 50 Research papers were presented.
- 7 Endowment lectures were arranged on the following topics.
 - i. On the Banach Algebra of a class of Analytic functions Prof. I.H.Naga Raja Rao
 - ii. The Characterization of Assosymmetric Rings Prof. K.Surarna
 - iii. Polynomials that do not obey commutative law Prof. V.Kannan
 - iv. Triangle geometry, N.Vijaya Prasad.
 - v. Fermat's little theorem-function-theoretic Proofs, Prof. V.Siva Rama Prasad
 - vi. Bio-Fluid dynamics, An introduction Prof. G.Radhakrishnamacharya.
 - vii. Statistics as a Technology for 21st century, Prof.K.U.S Sarma

Books Published by the faculty (Prof.K.Sambaiah)

1. Intermediate mathematics II B (Telugu Medium) published by Telugu Akademi, Govt. of A.P. (2004)
2. Intermediate mathematics II B (English Medium) published by Telugu Akademi, Govt. of A.P. (2004)
3. Intermediate mathematics II B (Telugu Medium) published by Telugu Akademi, Govt. of A.P. (2008)
4. Intermediate mathematics II B (English Medium) published by Telugu Akademi, Govt. of A.P. (2008)

**PREPARATION OF COURSE MATERIAL M.SC (MATHEMATICS)
SCHOOL OF DISTANT LEARNING AND CONTINUING EDUCATION**

Sl.No	Name of the Teacher	Name of the subject of the course material
1.	Prof.B.Ramabrahmam	i) Operations Research, (2007)
2.	Prof.S.Raj Reddy	i) Real Analysis (2006) ii) Mathematical Methods (2007)

3.	Prof.K.Sambaiah	i) Differential Equations (2006) ii) Numerical Analysis (2007)
4.	Dr.T.Srinivas	i) Algebra (2006) ii) Topology & functional Analysis (2007)
5.	Sri. K.Rajagopal Rao	i) Complex Analysis (2006) ii) Discrete Mathematics (2006)
6.	Prof. T.Ram Reddy (Retd. 2007)	i). Measure and Integration(2007)

List of candidates who passed NET/GATE

1. Sri.E.Satyanaarayana, NET : 2003
2. Balaji GATE : 2008

List of papers presented in conferences/workshop by faculty

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1. No	Name of the Teacher	Title of the Paper presented	Name of the conference
1.	Dr. T.Srinivas	In this Conference, Sri A.K.S.Chandrashekar Rao (Research Scholar working for Ph.D under the supervision of Dr.T.Srinivas, presented a paper entitled "SS-Elements, Ideals of group Algebra".	XIV Congress of Andhra Pradesh Society for Mathematical Sciences
2.	Prof.T.Ram Reddy	"Neighbourhoods of certain of subclass of SP(B)",	International Conference on Geometric function theory, special functions and applications
3.	Dr. T.Srinivas	In this Seminar, Sri A.K.S.Chandrashekar Rao (Research Scholar working for Ph.D under my supervision) presented a paper entitled "On Semi Simplicity of a class of Group Algebras"	National Seminar on Algebra and its applications
4.	Prof. S.Raj Reddy	Propogation of transverse surface waves between two nonlocal elastic media	XV Congress of Andhra Pradesh Society for Mathematical Sciences
5.	Dr. T.Srinivas	Characterization of n-dimensional normed near-algebras	XV Congress of Andhra Pradesh Society for Mathematical Sciences

6.	Dr. T.Srinivas	A note on Normed subnear-algebras of continuous self maps	XIV Ramanujan Symposium, International Conference on Non-Commutative Rings, Group Rings, Diagram Algebras and Applications
7.	Dr. P.Malla Reddy	An Efficient Approximate Markovian Model for Optical Packet Switches Employing Partial Buffer Sharing Mechanism under Self-Similar Traffic	IEEE Workshop on High Performance Switching and Routing (HPSR-2007)
8.	Dr. P.Malla Reddy	Performance Analysis of WDM Optical Packet Switches Employing Wavelength Conversion under Markovian Modeled Self-Similar Traffic Input	IEEE Workshop on High Performance Switching and Routing (HPSR-2007)

Conferences and Workshops Conducted

1. Departmental conference, 13 October, 2004
2. Workshop on Real Analysis, 27-29 October, 2005.
3. Work-shop on rings and Linear Algebra, 13-14 July, 2006.
4. XV Congress of Andhra Pradesh Society for Mathematical Sciences 11-13 August, 2006.
5. Training Programme to Postgraduate Teachers of Affiliated Colleges, sponsored by A.P. State Council for Higher Education, 2-6 January, 2007.
6. Training Programme on Topology for P.G. Teacher's of affiliated colleges, March 8-11, 2008 (Sponsored by UGC)
7. Training Programme to Postgraduate Teachers of Affiliated Colleges, sponsored by A.P. State Council for Higher Education, 1-5 July, 2007.

Research Publications of the Faculty

Dr. T.Srinivas

1. SS-Elements and their applications by T.Srinivas and A.K.S Chandrasekhar Rao, Accepted 28/06/2006, South East Asian Bulletin of Mathematics (196098) China.
2. A Note on sandwich Near-Rings by T.Srinivas International Journal of Scientific computing 1(1) Jan.- June, 2007, 81-85, New Delhi.
3. Characterization of n-dimensional normed Near-Algebras by T.Srinivas international Journal of Scientific computing 1(1) Jan.- June, 2007, 87-93, New Delhi.
4. A generalization of Foster's Boolean-like rings by T.Srinivas and A.K.S.Chandrasekhar Rao, Acta Ciencia Indica, vol. XXXIII, M, No.4, 1371-1376, 2007, Meerut.
5. A note on Near-Algebras of continuous self maps by T.Srinivas, Indian Journal of Mathematics and Mathematical Sciences vol. 4. No.2 (June 2008) 179-189, New Delhi, (In press)
6. Some results on fuzzy costs and Homomorphisms of N-groups by Satyanarayana, by Syam Prasad. K. Pradeed Kumar T.V and T.Srinivas, East Asian, Math. J. South Korea 23(2007) No. 1 PP. 23-36.
7. Kurosh-Amitour Right Jacobson Radical of Type – 1 and 2 for right near, rings by Ravi Srinivasa Rao, Result Math 51(2008) 309-317 Birkhauser Verlag Basel/Switzerland 1422-6383/030309-9, Published online March, 2008, DOI, 10.1007/500025-007-0280-
8. Kurosh-Amitour Right Jacobson Radical of Type – 1 and 2 for right near, rings by Ravi

Srinivasa Rao , K.Siva Prasad and T.Srinivas accepted 6-11-2007. International Journal of Mathematics and Mathematical scientific Volume 2008, (2008) aoucte ID 747603, 6 pages, doi: 10.1155/2008/741609(Hndawi Publishing corp) USA.

9. On SS-Near rings” by T.Srinivas and A.K.S Chandrasekhar Rao accepted for Publication in Acta CIENCIA INIDA (in Press)
10. Transportation Management & Services by T. Srinivas and M. Srinivas, [Kakatiya Business Review \(KBR\)](#), Vol. 3, No.1, September 2006, PP: 121-128, Warangal.
11. Effectiveness of Distribution Network by T. Srinivas and M. Srinivas, [International Journal of Information Systems and Supply Chain Management \(IJSSCM\)](#), Vol.1, No.1, January-March 2008, PP: 80-86, USA.
12. A 7 Step Approach for Transportation Optimization by T. Srinivas and M. Srinivas, [Pratibimba, Vol. 8, Issue: 1](#), Jan-June 2008, PP: 67-69, Bhubaneshwar.
13. Transportation Applications of Neural Networks by T. Srinivas and M. Srinivas, [International Journal of Computing and Applications \(IJCA\) Serials Publications](#), Vol.2, No.2, Dec 2007, PP: 157-162, New Delhi.
14. Modeling the Transportation Problem As a Flow Problem by T. Srinivas and M. Srinivas, Proceedings of the first International Conference on Emerging Technologies & Applications in Engineering, Technology & Sciences (ICETAETS – 2008), Vol. III, PP: 2616-2619, Gujarat.
15. The Role of Transportation in Logistics Chain by T. Srinivas and M. Srinivas, [Indian Journal of Mathematics and Mathematical Sciences \(IJMMS\) Serials Publications](#), Vol.4, No.2, June 2008, PP: 75-82, (in press), New Delhi.
16. T.Srinivas and M. Srinivas : Transportation: More for less criteria, International Journal of Statistics and Management System, [Serials Publications](#), Vol. 3, No. 1–2, Jan, 2008. (in press), New Delhi.

Dr. P.Malla Reddy

17. **Malla Reddy Perati**, Chih-How Chang, Shou-Kuo Shao and Jingshown Wu, “An Efficient Approximate Markovian Model for Optical Packet Switches Employing Partial Buffer Sharing Mechanism under Self-Similar Traffic Input”, Proceedings of IEEE HPSR-2007 held at Polytechnic University, Brooklyn , New York, USA, May 30-June1, ISBN: 1-4244-1206-4, IEEE Catalog number: 07EX1775C.
18. Chun-Yang Chen, Chih-How Chang, **Malla Reddy Perati**, Shou-Kuo Shao, and Jingshown Wu “ Performance Analysis of WDM Optical Packet Switches Employing Wavelength Conversion under Markovian Modeled Self-Similar Traffic Input” Proceedings of IEEE HPSR-2007 held at Polytechnic University, Brooklyn , New York, USA, May 30-June1, ISBN: 1-4244-1206-4, IEEE Catalog number: 07EX1775C.
19. Chih-How Chang, Shou-Kuo Shao, **Malla Reddy Perati** and Jingshown Wu, “Performance Study of Various Packet Scheduling Algorithms for Variable-Packet- Length Feedback Type WDM Optical Packet Switches” , Proceeding of IEEE HPSR- 2006
20. Chih-How Chang, Meng –Guang Tsai, Shou-Kuo Shao, Hen-Wai Tsao, **Malla Reddy Perati** and Jingshown Wu, “An Efficient Void Filling Algorithm for WDM Optical Packet Switches Operating under Variable –Packet- Length Self-Similar Traffic”, IEICE Trans. Commun., Vol.E88-B, No.12, December 2005
21. Shou-Kuo Shao, Chih-How Chang, Paruvelli Sreedevi, **Malla Reddy Perati** and Jingshown Wu, “ Partial Buffer Sharing Strategies in Feedback type WDM Optical Routers under Asynchronous and Variable Packet Length Traffic” , Technical Digest, 6A3-4 , OECC-2005.
22. Shou-Kuo Shao, **Malla Reddy Perati**, Meng-Guang Tsai, Hen- Wai Tsao and Jingshown Wu “Generalized Variance –Based Fitting for Markovian Type Self-Similar Traffic Modeling”, IEICE Trans.Commun., Special Issue on Internet Technology –V, Vol. E88-B, No.4, April, 2005
23. Shou-Kuo Shao, Meng-Guang Tsai, Hen- Wai Tsao, Paruvelli Sreedevi, **Malla Reddy Perati** and Jingshown Wu, “Performance Evaluation of Feedback Type WDM Optical Routers under Asynchronous and Variable Packet Length Self-Similar Traffic” IEICE Trans. Commun., Vol. E88-B, No.3, March, 2005
24. Shou-Kuo Shao, Meng-Guang Tsai, Hen- Wai Tsao, Paruvelli Sreedevi, **Malla Reddy Perati** and

- Jingshown Wu, "Sensitivity Analysis of the Effect of Re-circulated Ports and Re-circulation Limits on Feedback Type WDM optical Routers under Asynchronous and Variable Packet Length Self-Similar Traffic", Technical Digest, 13A2-4, OECC-2004.
25. Chih-How Chang, Shou-Kuo Shao, **Malla Reddy Perati** and Jingshown Wu, "Performance Study of Wavelength Scheduling Strategies for Feedback Type Optical Packet Switches under Slotted and Variable Length Self-similar Traffic", Technical Digest, 13A2-6, OECC-2004.
26. **Malla Reddy Perati**, M.Tajuddin, Cylindrical Stress Waves in Poroelastic Flat Slabs, The Journal of Mechanics, Vol.22,No.2, pp. 161-165, 2006.
27. **Malla Reddy Perati**, M Tajuddin, Edge Waves in Poroelastic Plates under Plane Stress Conditions", Journal of Acoustical Society of America, 114, pp.185-193, 2003.

Prof. T. Ram Reddy

28. **T.Ram Reddy**: Mermorphically convex functions with fixd second co-efficient –Journal of News bulletin. Cal.Math.So29 (1-3)21-24(2006)
29. **T.Ram Reddy**: On a Subclass of Uniformly convex functions with fixed second coefficients ,Journal of Acta Ciencia India, vol XXXII M, No. 4, 1687 (2006).
30. **T.Ram Reddy**: Mermorphically convex functions with fixed second co-efficient- Journal of News bulletin. Cal. Math. So29(1-3) 21-24(2006).
31. **T.Ram Reddy**: On a subclass of uniformly convex functions with fixed second co-efficients-Journal of Acta Ciencia India, vol. XXXII M, No.4, 1687 (2006)
32. **T.Ram Reddy**: Subclasses of Meromorphic functions with fixed points-Journal of Acta Ciencia India, vol. XXXII M, No.4, 1691 (2006)
33. **T.Ram Reddy**:Subclasses of uniformly convex functions with two fixed points- Acta Ciencia India – 2002.
34. **T.Ram Reddy**: Certain classes of Star like Mermorphic functions with positive co-efficients-journal of Acta Ciencia India. Vol. 32 No. 1 343(2006).
35. **T.Ram Reddy**: Neighborhoods of a certain subclass of Sp (B) – 2006. Proceedings of the International conference on Geometric function theory, special functions and applications, 2006. J. Analysis Vol. 15(2007), 239-245.

Mr. E.Satyanarayana

36. **E.Satyanarayana** : Large time asymptotes for periodic solutions of a generalized Burgers equation, International Journal of Nonlinear Science (to appear).
- 37.. **E.Satyanarayana** A survey on shooting arguments for boundary value problems, Indian Journal of Pure & Applied Mathematics.
- 38.. **E.Satyanarayana** Asymtotic N-wave solutions of the non-planar Burgers equation studies in Applied mathematics(to appear).

PLACEMENT RECORD OF THE PAST STUDENTS :

- I. List of candidates selected for Mentor Posts at Rajiv Gandhi university of
 - 1 D.Balaji.
 - 2 D.jyothi Laxmi
 - 3 B.Rama Krishna
 - 4 K.Sravani
 - 5 K.Kalpana
 - 6 L.Trahai
 - 7 D.Praveen kumar
 - 8 S.Ravi
 - 9 Tirupathi Rao
 - 10 V.Suman Kumar
 - 11 P.Santhosh
 - 12 G.Jayasree

- II. Candidate selected for two position of teaching assistant at Jawaharlal
Nehru Technological University(JNTU)
 1. J.Murali Kumar



