

# ANNUAL REPORT

2014-15



**Department of Mathematics & Statistics**

**St. Joseph's Degree & PG College  
King Koti, Hyderabad**

## About the Department

### Vision & Mission

The academic and extension programs of the department are a perfect embodiment of the departmental vision and mission which is in perfect alignment of the college vision and mission to create a distinct environment of education

### Vision

To strive for excellence in Mathematical sciences that ignite students for interdisciplinary domains

### Mission

- To develop analytical skills and logical acumen for problem solving
- To provide excellent knowledge of Mathematical Sciences for suitable career and groom them for national recognition
- To make the students savvy in data analytics
- To train them for interdisciplinary applications and research
- To build life skills through value-based education and service oriented programs

### History of the Department

- The Department of Mathematics was started in the year 1997 with the combination MPCS (Mathematics, Physics and Computer Science) at B.Sc level.
- Later, two more combinations in B.Sc MSCS (Mathematics, Statistics and Computer Science) MECS (Mathematics, Electronics and Computer Science) were started in the year 1998-1999.
- In the year 2003, a post graduate course M. Sc in Mathematics was introduced and the course was run by the department successfully till 2008. Due to less demand the course it was handed over to the university in the year 2009.
- The Department has introduced a new UG course, B.Sc NHAEM (Net working & Hardware, Applied Electronics, Mathematics) a professional job oriented course in the academic year 2012.

### Courses Offered

- MSCS( Mathematics, Statistics, Computer Science)
- MECS ( Mathematics, Electronics, Computer Science)
- MPCS ( Mathematics, Physics, Computer Science)
- NHAEM (Networking & Hardware, Applied Electronics, Mathematics)

## Achievements/Rankings of the Department

1. 2007 - The College was issued permanent affiliation by O.U.
2. Accredited by NAAC in the year 2008 with “A” grade with a CGPA of 3.51.
3. 2011- Conferment of Autonomy by UGC.
4. Emerging 3rd perceptual rank as the Best Commerce College and 1st Perceptual rank as Best Science College in India by India Today magazine June 2013.
5. Ranked 10 among the Top Science Colleges in Hyderabad by India Today magazine, June 28, 2010 edition & June, 2013

## Library/ Infrastructure Facilities

1. **Departmental Inventory**
2. **SPSS:** The Department owns well equipped statistical lab with SPSS package.(statistical package for social sciences) which is a comprehensive statistical and data management package , whose capabilities range from simple percentages to complex analysis of variance , multiple regression and general linear models which help to generate tabulated reports charts , plots of distributions and trends.
3. **Computers in Statistics Lab** - 20
4. **Departmental Library books** - 581
5. **Systems in department** - 2
6. **Printer** - 1
7. **Book Racks** - 3
8. **Cupboards** -4
9. **Departmental Library**

	<b>Maths</b>	<b>Stats</b>
10. Number of Titles	172	32
11. Number of Volumes	448	133
12. **Student Support** - The Department with a structured support mechanism plans and chalks various student welfare programmes curricular, co-curricular and extension activities for holistic development of its student.

## Details of Full Time and Part Time Faculty

Name	Qualification	Designation	Experience
Mr. D. Srinivas Reddy	M.Sc., M.Phil., B. Ed	Associate Professor	19 years
Mrs. G. Sunitha	M. Sc	Associate Professor	18 years
Mrs. B. Kalavathi	M.Sc., B. Ed	Assistant Professor	7 years
Mrs. Aarti Mathur	M.Sc., B. Ed	Assistant Professor	11 years
Mr. Md.Mahboob	M.Sc.	Assistant Professor	2 years
Ms. S.Vijayalaxmi	M.Sc.(Statistics)	Assistant Professor	2 years
Mr. Harisha chary	M.Sc.(Statistics) & M.Sc. (Computer Science)	Assistant Professor	7 years

## Orientation/ Seminars/Conferences/Workshop/ attended by Faculty- In house & Outside

S.No	Date	Name of the faculty	Seminars/conference/Workshops/ Guest lecturer
1	12.08.2014	K. Harisha Chari	Workshop on MATHWORKS in MATLAB
2	27 <sup>th</sup> Sep 2014	Aarti Mathur	Faculty Development Program on Advanced Numerical Methods and Techniques
3	30 <sup>th</sup> & 31 <sup>st</sup> Oct 2014	S. Vijayalaxmi	National workshop on research Methodology and Bio-Statistics
4	8 <sup>th</sup> Nov 2014	S. Vijayalaxmi	Faculty Development Program on research Methodology and Data Analysis

## Paper presentations/Paper publications by faculty

S. No	Name	Paper Presentation/Title	Date	Conference/workshop/Seminars	Venue
1	D. Srinivas Reddy Associative Professor	<i>Signed Sequences and Rolle's Restrictions: Why Not All Real Differentiable Functions and Polynomials Satisfying Rolle's Theorem Are Constructible</i>	27 <sup>th</sup> & 28 <sup>th</sup> Feb'2015	National Conference on Role of Mathematics in Real World Problems	Department of Mathematics at Aurora's Degree & PG College, Chikadapally, Hyderabad

## Paper Setters/ Member of any Bodies

S. No	Name	Paper Setter	Member of any Bodies	College/Conference/seminars
1.	G. Sunitha	As a paper setter for Business Mathematics	----	St Francis's college for women, Begumpet , Hyderabad
2	D Srinivas Reddy	As a paper setter for Mathematics I , II & IDS for B. Com Students	----	St Joseph's Degree & PG College
3	D Srinivas Reddy	----	Life Member (NO:425/000 025) of Andhra Pradesh Society for Mathematical Sciences(APS MS)	----

## Details of Student Strength

Course/Year	Strength
MPCs-I	31
MPCs-II	25
MPCs-III	11
MECs-I	38
MECs-II	33
MECs-III	25
MSCs-I	38
MSCs-II	36
MSCs-III	33
NHAEM-I	11
NHAEM-II	22
NHAEM-III	10
<b>Total</b>	<b>313</b>

## Orientation Programme for students

<b>Date</b>	: June 2014
<b>Incharge/Coordinator</b>	: Mr. D. Srinivas Reddy/Mrs. G. Sunitha
<b>Venue</b>	: Seminar Hall-Cellar, St.Joseph's Degree & PG College
<b>Target Group</b>	: I B.Sc (All Groups)

**Resource Person & Organization** : 1.Principal 2. Director

**Objective:**

- To introduce the academic structure.
- To acquaint with the college rules & guidelines.

**About the Activity:**

First year students often feel ill-equipped academically and emotionally, hindering their integration and adjustment into college life. A standardised orientation program for first year undergraduate students organized focusing on peer and academic support based principles, assisting commencing students to achieve a smooth transition from intermediate level into university level under graduation programme

we introduced activities which are focused on information for the first year, incorporation of Alumni student interaction and the inclusion of ice-breaker activities..



About College life-Interaction by Principal



*Ice-breaker activities*



Alumni interaction

## Bridge Course/ Remedial Classes

➤ **Bridge Courses**

Bridge courses are planned to fill the gap in the existing knowledge of the student and pave way for conceptual learning. The Department conducts the bridge courses after an entry level assessment in

- Basics of differentiation and Integration &
- Fundamentals of Statistics

### ➤ Remedial Classes

The Department offers remedial classes to students who are below the expected level to stress the basics in the subject which can help students to fully understand advanced concepts paving an opportunity for all the late bloomers to improve their academic performance and cope up with the rest of the class.

### ➤ Tutorial Classes

The Department conducts Tutorial classes for the slow learners to give them individual care.

## Innovative teaching learning practices

- Unit planners with references, websites and methodologies are prepared well in advance and are provided to the students along with the syllabus for every subject.
- To lay a strong foundation in the subject Bridge Courses are conducted to the first year students.
- In the Process of continuous evaluation students are asked to give seminars on various topics related to the subjects
- Guest Lectures by subject experts are arranged for better understanding of subjects.
- Remedial Classes are conducted to enhance the performance of the students
- Tutorial Classes are conducted for extra assistance for the slow learners
- Students are given opportunity to complete various certificate courses during their course of study.
- Academic and Personal counseling of students is taken care of by the faculty
- Students are given pre placement training to meet the expectations of the employers
- Students are provided with Placement Opportunities as various esteemed companies visit the campus for placements.
- Career Counseling is conducted for the outgoing batch by the experts from outside.
- Students are provided with a platform where they can showcase the talents in literary and cultural events

## Best Practices/ SWOC Analysis of the department

### Strengths of the Department

- ✓ Dedicated teaching faculty
- ✓ Flexibility in framing the syllabus and teaching methods
- ✓ Well established SPSS lab to perform practical

- ✓ Involvement of Staff in student centric learning
- ✓ Math Club to impart and inculcate Arithmetic , Analytical and Logical skills in the students to enhance their creativity and perceptiveness which would help them in facing various competitive exams

### **Weaknesses**

- ✓ Limited exposure.
- ✓ Low academic standards of the students.
- ✓ Lack of research.
- ✓ Diversity in Courses
- ✓ Career Related programmes

### **Opportunities**

- ✓ Academic flexibility.
- ✓ Use of technology
- ✓ Commitment and support of management to get back the glory of science courses
- ✓ Innovative methods of teaching
- ✓ Scope for more students to take part in placements drives within and outside the campus

### **Challenges**

- ✓ Fear and aversion of the mathematics subject developed psychologically in students Since childhood
- ✓ The strength of students is decreasing
- ✓ Most of the students are slow learners
- ✓ Indifferent attitude of the students
- ✓ Enhance research publications both staff and students

## **Guest Lectures / Seminars / Workshops organized for students**

The Department of Mathematics & Statistics is planning to arrange a motivational talk on “**Career Opportunities**” for all the students of B.Sc second and third years on **1<sup>st</sup> July 2014** at 11.30 AM. The aim of the Programme is to make the science students enthusiastic towards their career and also to encourage the slow learners. Mr. P. Chandrasekhar, Technical Director-Project Development of Technique Design Group is the resource person.





## Industrial Visits / Experiential Learning (Exhibs)

### **Industrial Visit To Vijaya Milk Product Factory**

This is a correspondence from the Department of Mathematics & Statistics, St. Josephs Degree & PG College. Industrial Visit to **VIJAYA MILK PRODUCT FACTORY**, AP Dairy Development Cooperative Federation Ltd is a part of our Curriculum and we request your cooperation in this regard in providing experiential learning for III & II Year (MSCs) students on 4<sup>th</sup> July 2014 at Tharnaka, Hyderabad.



## Project / Internship details of students

<b>DEPARTMENT MATHEMATICS &amp; STATISTICS</b>				
<b>MATHEMATICS PROJECT LIST-2014-15</b>				
<b>Sno</b>	<b>Rollno</b>	<b>Name</b>	<b>Project topic</b>	<b>Subject</b>
1	12467005	Siraj	Cryptography	Maths
2	12467025	Quddus	Cryptography	Maths
<b>STATISTICS PROJECT LIST-2014-15</b>				
3	12467023	Salmam	Simcards	Statistics
4	12467004	Bala praveen	Simcards	Statistics
5	12467024	Ashish	Simcards	
6	12467022	Mirza jamel	Mobile data	Statistics
7	12467021	Christina	Mobile data	Statistics
8	12467028	Suzana	Mobile data	Statistics
9	12467009	Vivek	Mobile data	Statistics
10	12467017	Lakhan	Mobile data	Statistics

## Student Participation in Fests/Competitions outside College

### **Student Participation:**

V. Mounika of B.Sc III MSCS Participated in Dance Competitions and won the Prestigious Award Natya Saraswathi Memento and Certificate from Kuchipudi Dance Academy at Bangalore

## JSS Activities

As a part of Josephite Service Scheme, the department of computer science and Mathematics organized One Day Outreach Programme, At Aadarana (Girls Campus), Helping Hand Community, Saroor Nagar, Hyderabad, On 28 Feb 2015 with the final year Students of B.Sc.

The main objective of the programme was to encourage our students social values and ethics beside their regular Academic programme.

Students contributed for food and clothes to the needy and organized a spectacular cultural programme to the orphans.

At the end of the day students also distributed prizes for the events such as dance, solo singing, and other competitions which were held on that day.

Students contributed Rice bags and gift items to the orphans



## Details of Students Registered, CRT details & Placement company wise

### Placement Summary (July 2014 To January 2015)

COURSE	NO OF STUDENTS REGISTERED	NO OF OFFERS
B.Sc	41	30

### Placements

S.No	Date	Company visited	No. of students enrolled	Selected list With Name, Course & Class details	Pay scale
1.	29-09-2014	Genpact	260	Clintol Beil Bosco	Rs. 2,80,000 PA
2.	29-11-2014	Wipro	40	Nikhil Goud V.Mounika M.Rohit C.V.Vivek Clinton	Rs.1,80,000 PA
3.	04-12-2014	HGS	180	Clinton Neil Bosco J Maria Christina C.V Vivek	Rs.2,22,000 PA
4.	12-12-2014	AMAZON	120	Clinton Neil Bosco Avinash Shravani Tanvi VamshiGopinath .T	Rs.2, 80,000 PA
5.	23-01-2015	Infosys	22	Kuntala Nikhil Goud T.G.Vamshi M.Rohit J.P.Suzana Abdul Quddus C.V.Vivek Rohit Kumar Prasad	Rs.2,50,000
6.	02-02-2015	Tech Mahindra	40	M.Rohit VamshiGopinath Nikhil Goud V.Mounika	Rs.1,90,000 PA



## Academic performance/ Prizes won

### Annual Day Prize List for Academic year 2014 - 2015

#### Academic Toppers : III Year MSCS 2011-14 batch

S.NO	NAME	CLASS/GROUP	%	Prize
1	Choudhary Naresh Kumar	B.Sc III (MSCs)	91	I
2	A. Ravindra Reddy	B.Sc III (MSCs)	89.22	II
3	Khadija	B.Sc III (MSCs)	89.11	III

#### Academic Toppers : III Year MECS 2011-14 batch

S.NO	NAME	CLASS/GROUP	%	Prize
1	Prashanth Kumar	B.Sc III (MECs)	86	I
2	Yehowa Michael Goerge	B.Sc III (MECs)	85	II
3	Yashwanth Kumar	B.Sc III (MECs)	79	III

#### Academic Toppers: III Year MPCs 2011-14 batch

S.NO	NAME	CLASS/GROUP	%	Prize
1	Pradeep Reddy	B.Sc III (MPCs)	79	I
2	Vinay Kumar	B.Sc III (MPCs)	78	II

#### Academic Toppers: III YEAR MSCS 2012-2015 batch

S.NO	NAME	GROUP	%	PRIZE	
1	T.Vamshi	B.Sc III (MSCs)	92	I	Momento+cert
2	K.Nikhil Goud	B.Sc III (MSCs)	92	II	Momento+cert
3.	V. Mounika	B.Sc III (MSCs)	87	III	Momento+cert

#### Academic Toppers: IIIYEAR MECS2012-2015 batch

S.NO	NAME	GROUP	%	PRIZE	
1	Ch. Sai krupa	B.Sc III(MECs)	87	I	Momento+cert
2	S. Pradeep	B.Sc III(MECs)	77	II	Momento+cert
3.	John Joel	B.Sc III(MECs)	69	III	Momento+cert

### Academic Toppers: IIIYEAR MPCS2012-2015 batch

S.NO	NAME	GROUP	%	PRIZE	
1	Sharath kumar	B.Sc III(MPCs)	77	I	Momento+cert
2	Smrithika	B.Sc III(MPCs)	76	II	Momento+cert
3	P.Sridhar	B.Sc III(MPCs)	64	III	Momento+cert

### Academic Toppers: IIIYEAR NHAEM 2012-2015 batch

S.NO	NAME	GROUP	%	PRIZE	
1	Junaid Md	B.Sc III(NHM)	74	I	Momento+cert
2	Pavan Kumar	B.Sc III(NHM)	72	II	Momento+cert

### Academic Toppers: II YEAR MSCS

S.NO	NAME	GROUP	%	PRIZE	
1	T. Satish	B.Sc II(MSCs)	94	I	Momento+cert
2	V. Abhilash	B.Sc II(MSCs)	87	II	Momento+cert
3.	V.David	B.Sc II(MSCs)	86	III	Momento+cert

### Academic Toppers: IIYEAR MECS

S.NO	NAME	GROUP	%	PRIZE	
1	Aakash Asthana	B.Sc II(MECs)	93	I	Momento+cert
2	I. Vasudeva Varma	B.Sc II(MECs)	92	II	Momento+cert
3.	K. Uday Kumar Reddy	B.Sc II(MECs)	87	III	Momento+cert

### Academic Toppers: IIYEAR MPCS

S.NO	NAME	GROUP	%	PRIZE	
1	P.Ravi Raja	B.Sc II(MPCs)	96.3	I	Momento+cert
2	Aditya	B.Sc II(MPCs)	77.3	II	Momento+cert
3.	Nisar khan	B.Sc II(MPCs)	76	III	Momento+cert

### Academic Toppers: IIYEAR NHAEM

S.NO	NAME	GROUP	%	PRIZE	
1	K.Saikiran	B.Sc II(NHM)	68	I	Momento+cert
2	Bala Arun Kumar	B.Sc II(NHM)	60	II	Momento+cert

## Academic Toppers: I YEAR MSCS

S.NO	NAME	GROUP	%	PRIZE	
1	Ravi Krishna Reddy	B.Sc I(MSCs)	95	I	Momento+cert
2	G.Himakar	B.Sc I(MSCs)	93	II	Momento+cert
3.	Keerthana	B.Sc I(MSCs)	91	III	Momento+cert

## Students Who Scored 85% and above in optional subjects

### III YEAR (2011-14)

S.NO	NAME	CLASS/GROUP	%
1	Choudhary Naresh Kumar	B.Sc III (MSCs)	91
2	A. Ravindra Reddy	B.Sc III (MSCs)	89.22
3	Khadija	B.Sc III (MSCs)	89.11
4	G. Sai Kumar	B.Sc III (MSCs)	88.22
5	Fateema Kuresh	B.Sc III (MSCs)	87.99
6	Prabhu Kiran	B.Sc III (MSCs)	86.44
7	Siddharth Kabra	B.Sc III (MSCs)	86.33
8	T. Nikhil Manohar	B.Sc III (MSCs)	85.33
9	G.Ramakrishna	B.Sc III (MSCs)	85.22

### III YEAR (2012-15) up to semester-V

S.NO	NAME	CLASS/GROUP	%
1	T.Vamshi	B.Sc III (MSCs)	92
2	K.Nikhil Goud	B.Sc III (MSCs)	92
3	V. Mounika	B.Sc III (MSCs)	87
4	Sai Krupa	B.Sc III (MECs)	87
5	J.P Suzana	B.Sc III (MSCs)	85

### II YEAR (2013-15) up to Sem-III

S.NO	NAME	GROUP	%
1.	P.Ravi Raja Chowdary	B.Sc II(MPCs)	96
2	T.Satish	B.Sc II(MSCs)	94
3	Aakash Asthana	B.Sc II(MECs)	93
4	Vasudeva Varma	B.Sc II(MECs)	92
5	V.Abilash	B.Sc II(MSCs)	87
6	David Verghes	B.Sc II(MSCs)	86

**I YEAR (2014-15) SEM-I**

S.NO	NAME	GROUP	%
1	Ravi Krishna Reddy	B.Sc I(MSCs)	95
2	G.Himakar	B.Sc I(MSCs)	93
3.	Keerthana	B.Sc I(MSCs)	91
4	K.Keerthi	B.Sc I(MPCs)	87
5.	Rahul singh	B.Sc I(MSCs)	86

**Academic Year 2013-2014 April 2014 Semesters II, IV, VI Centum Awards**

S.NO	NAME	CLASS/GROUP	SUBJECT	
1.	A. Ravindra Reddy	B.Sc III (MSCs)	Mathematics-VII	Momento+cert
2	A. Ravindra Reddy	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
3.	G.Sai Kumar	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
4	Naresh Chowdary	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
5	Fateema Quresh	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
6	Khadija	B.Sc III (MSCs)	Mathematics-VII	Momento+cert
7	Khadija	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
8	Stephen Francis	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
9	G.Rama Krishna	B.Sc III (MSCs)	Mathematics-VIII	Momento+cert
10	Md. Aslam	B.Sc III (MPCs)	Mathematics-VIII	Momento+cert
11	D. Pradeep Reddy	B.Sc III (MPCs)	Mathematics-VIII	Momento+cert
12	MD. Abdul Moiz	B.Sc III (MPCs)	Mathematics-VIII	Momento+cert
13	G. Prasanth	B.Sc III (MECs)	Mathematics-VIII	Momento+cert
14	S. Prabhakar	B.Sc III (MECs)	Mathematics-VIII	Momento+cert
15	Moinuddun Khan	B.Sc III (MECs)	Mathematics-VIII	Momento+cert
16	Yashwanth	B.Sc III (MECs)	Mathematics-VIII	Momento+cert
17	Sanathoi Singh	B.Sc III (MECs)	Mathematics-VIII	Momento+cert
18	Fateema Quresh	B.Sc III (MSCs)	Statistics-VII	Momento+cert

**Academic Year 2014-2015 Nov 2014 Semesters I, III, V Centum Awards**

S.NO	NAME	CLASS/GROUP	SUBJECT	
1	V. Mounika	B.Sc III (MSCs)	Mathematics-V	Momento+cert
2	V. Mounika	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
3	Maria Christina	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
4	Maria Christina	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
5	Soma Ashish	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
6	J.P. Suzana	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
7	K.Nikhil Goud	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
8	T. G. Vamshi	B.Sc III (MSCs)	Mathematics-VI	Momento+cert
9	Tanvi Dandime	B.Sc III (MECs)	Mathematics-VI	Momento+cert



10	Surya Prakash	B.Sc III (MECs)	Mathematics-VI	Momento+cert
11	Ch. Sai Krupa	B.Sc III (MECs)	Mathematics-VI	Momento+cert
12	P. Sridhar	B.Sc III (MPCs)	Mathematics-VI	Momento+cert
13	Sharath Kumar	B.Sc III (MPCs)	Mathematics-VI	Momento+cert
14	C.V.Vivek	B.Sc III (MSCs)	Statistics-V	Momento+cert
15	Aakash Asthana	B.Sc II (MECS)	Mathematics-III	Momento+cert
16	P.Ravi RajaChowdary	B.Sc II (MPCS)	Mathematics-III	Momento+cert
17	Ravi Krishna Reddy	B.Sc I ( MSCS)	Mathematics-I	Momento+cert
18	Keerthana	B.Sc I ( MSCS)	Mathematics-I	Momento+cert
19	G. Himakar	B.Sc I ( MSCS)	Mathematics-I	Momento+cert
20	Aadithya Patnaik	B.Sc I ( MPCs)	Mathematics-I	Momento+cert
21	G. Himakar	B.Sc I ( MSCS)	Statistics-I	Momento +cert

### Active Involvement in Club Activity

S.No	NAME	CLASS/GROUP	
1	Clinton Neil Bosco	B.Sc III (MSCs)	Momento+cert
2	Md.Siraj	B.Sc III (MSCs)	Momento+cert
2	T.Sathish	B.Sc II (MSCs)	Momento+cert
3	V.Abilash	B.Sc II (MSCs)	Momento+cert
4	M.Keerthana	B.Sc I (MSCs)	Momento+cert
5	Rahul Singh	B.Sc I (MSCs)	Momento+cert
6	Sk.Abdul Rehman	B.Sc I (MSCs)	Momento+cert
7	Sk. Azhar Alam	B.Sc I (MSCs)	Momento+cert
8	Md. Fayazuddin	B.Sc I (MSCs)	Momento+cert
9	C.Bhanu Prakash	B.Sc I (MSCs)	Momento+cert
10	M.Krupakar Reddy	B.Sc I (MSCs)	Momento+cert
11	D.Lavanya	B.Sc I (MSCs)	Momento+cert
12	A.Sravan Kumar	B.Sc I (MSCs)	Momento+cert
13	M.Sai kiran	B.Sc I (MSCs)	Momento+cert
14	K.Krunal Kumar	B.Sc I (MSCs)	Momento+cert
15	U.Ravi Krishna Reddy	B.Sc I (MSCs)	Momento+cert

### Best Out Going 2015

1	Ch. Saikrupa	MECs-IIIyr	Momento+cert
2	V.Mounika	MSCs-IIIyr	Momento+cert
3.	K.Smrithika	MPCs-IIIyr	Momento+cert
4.	Vijay Kumar	NHAEM-IIIyr	Momento+cert

## Certificate Courses Offered

### Details of the certificate courses:

S.No	Name of certificate course	Resource person	Department	Duration	Co-ordinator
1	Numerical Ability	Dr Murilidhar , Faculty of TIME Institute, Hyderabad & Dr Sai Kumar, Faculty of CLICK Institute, Hyderabad.	Mathematics	60 hrs	D. Srinivas Reddy & Md. Mahboob
2	SPSS (Statistical Package Social Sciences )	Mr. M. Venkat Ramana, Department of Statistics, Jagruthi Degree & PG College, Naryanaguda, Hyderabad.	Statistics	40 hrs	D. Srinivas Reddy & S. Vijayalaxmi

## Josephista' 2015

### Events of the Department

SL.NO	NAME OF THE EVENT	NO. OF ROUNDS	FACULTY COORDINATORS	Registration
1	Test your IQ (Brain Bash)	2	Mrs. G Sunitha & Mrs Aarti Mathur	Rs 60 per Team (3 in a team)
2	Puzzle Paradise	1	Miss. S.Vijayalaxmi & Mr. Mohd.Mamood	Rs 20 per each participant

## Alumni Meet

**Date:** 26<sup>th</sup> July 2014

**Incharge/Coordinator:** Mrs L.Mihira Priya

**Venue:** Joseph's Hall

**Target Group:** Old Batch Students

**Objective:**

- To maintain an up-to-date and comprehensive database of alumni
- To identify and promote alumni success and achievements to advance the credibility and reputation of the college

- To encourage the Alumni to take an active and abiding interest in the work and progress of the Institute.
- To promote and foster mutually beneficial interaction between the Alumni and the present students.

### **About the Activity:**

Alumni meet, an initiative taken by us to stay in touch with our alumni and to ensure that our alumni feel connected irrespective of the physical boundaries. These meets have been providing a platform for all alumni to know the progress SJC has made in the years from when they left the college. The meets are not only an occasion for the alumni to get nostalgic and relive their college memories but also they help us to maintain the strong connect with our alumni and gain from their knowledge and expertise of the industry.



Chief Guest of the day: Rev.Fr.Amal –B.Sc(MECs) Alumni

## **NAAC inspection departmental report**

The NAAC Peer Team visited the department on the first day of their visit i.e on 22<sup>nd</sup> August 2014 at 11.00 a.m. during their visit to the college on 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup> of August 2014 Prof S.P.Singh the chair person of the team paid a quick visit to the department and glanced through the files maintained by the department where in the member coordinator Prof Jagadesha and member and member Prof Mathur interacted the members of department Mr D Srinivas Reddy introduced the faculty of Mathematics &

Statistics department to the team members the team showed their keen interest on the innovative topics introduced in the curriculum after attaining autonomy they also wanted know how best the department is utilizing the autonomy in curriculum design and development the members went through the results of past few years and also enquired the about the remedial classes conducted by the department and appreciated the department for the work they are doing

They also went through the student projects and got impressed with the work done by the students and faculty especially they applauded the department for the few innovative projects the team spent almost 25 minutes & the members left the department with lots of words of appreciation.

## Future Plans of the Department

- To establish & strengthen the Mathematics laboratory with mathematical software and more mathematical models
- To encourage staff to publish articles and research papers
- To conduct at least two guest lectures per year
- To increase the number of student projects
- To motivate staff and students to present papers in National seminars
- To enhance the number of books, journals and magazines in the departmental library

## Summary of student centric activities & FDP

### Cyber Crime Program:

#### A talk on “Awareness of Cyber Crime”

A Talk on Cyber Crime awareness was organized by Mr. Srinivas Reddy, Head of the Department Mathematics on 14 October 2014 at 11.30 a.m. in Joseph’s Hall. Dr. B. Anuradha, ACP, Crime Branch, CCS, Detective Department, Hyderabad was the Chief Guest and Shri. R. Majid Ali Khan, Inspector of Police, Crime Branch was the Speaker. Dr. Deepika Gardner, Head Department of English welcomed and introduced the guest to the gathering. Inspector Khan gave valuable insights to the students through a well-prepared PowerPoint Presentation. He said that they should be vigilant, use their common sense and be cautious of criminal elements. He spoke about material and Non-material crimes, offences on internet, Face book, SMS etc. He said many highly educated people were falling into the trap of these criminals; therefore, this talk was organized. There are job frauds, identity thefts, credit card frauds, cyber terrorism etc. An interactive session was done at the end where students clarified their doubts. It was a real eye-opener and highly beneficial programme.



