

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

OOTY ROAD, MYSORE – 570 025

**Re-accredited by NAAC with 'A' grade
Recognised by DBT, GOI under "Star College Scheme"**

ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF IQAC

Name of the Institution: JSS College of Arts, Commerce & Science, Ooty Road, Mysore

Year of the Report: 2013-14

Section A: Plan of action chalked out in the beginning of the year towards quality enhancement

In the direction of enhancement of quality, the IQAC planned the following activities for the year 2013-14:

1. To start new skill oriented, need based UG/PG programmes
2. To start new Add On courses
3. To start innovative courses
4. To revise the curricula of science subjects of UG programmes
5. To organise Workshops, Seminars, Conferences, Symposia & Training programmes
6. To strengthen research activities
7. To adopt ICT & MIS services
8. To conduct remedial classes for slow learners
9. To conduct special workshop on Curriculum Design and Development
10. Preparation for Golden Jubilee Celebration
11. To conduct Placement activities for PG Students
12. To bring out the second issue of JSSCM Journal
13. To encourage teachers to attend National / International scholarly gatherings

Section B: Details in respect of the following (attach separate sheet)

1. Activities reflecting the Vision and Mission of the institution

The Vision & Mission statements, goals and objectives of the college are as follows:

VISION AND MISSION OF THE COLLEGE

The College realized the need for new Vision and Mission statements due to changed global environment and to meet the high expectation of stakeholders. The Vision and Mission statements revised in 2013-14 are reproduced below.

VISION:

- To be known as an institution providing need based, skill integrated, cost effective, quality and holistic education, transforming the students into globally competitive employable and responsible citizens and to be recognized as centre of excellence.

MISSION:

- To create and acquire relevant knowledge along with skills and global competencies and disseminate the same among students
- To provide holistic education through relevant curricula, programmes and pedagogic innovations focusing on employability and self employment
- To undertake research work contributing to the creation knowledge, skills and its applications for sustainable development
- To establish linkage and collaborations for the betterment of teaching, learning, research and extension activities
- To provide good infrastructure, human resource and necessary support services for the betterment of students' progress and welfare
- To promote national integration, human rights, universal brotherhood and community development activities through inclusive practices

GOALS

- To ensure access & equity to all deserving students
- To create an excellent ambience for teaching and learning
- To ensure Curriculum relevancy
- To promote more research activities through research centre recognitions
- To give equal importance to co-curricular and extra-curricular activities
- To empower rural youth through educational opportunities
- To prepare job ready graduates
- To give hands on training to science students

OBJECTIVES

- To establish centres for research, consultancy and rural development
- To assist in meeting specified standards and outcomes
- To recognize programme strengths & weaknesses and to offer recommendations for programme improvements, changes and (in some cases) termination
- To enter into collaboration with national and international institutions of eminence through memorandum of understanding
- To strengthen Career Guidance and Placement Cell
- To provide education to marginalized and rural masses
- To make preparations for the commencement of Community College and B. Voc courses
- To imbibe national fervour and integrity
- To organise personality development programmes and to organise workshops, conferences and training programmes

2. New Academic programmes initiated (UG & PG):

- Certificate course in HRE
- Diploma in Animation
- PG Diploma in HRE

3. Innovations in curricular design and transaction:

- Syllabi of UG Science subjects were revised and approved in the respective Boards of Studies and Academic Council

4 Inter-disciplinary programmes started:

- Inter-disciplinary components have been introduced by the UG departments of Physics, Chemistry, Biotechnology, Biochemistry, Botany & Microbiology under 'Star College Scheme'

5. Examination reforms implemented:

- Conducting make-up examinations for PG students.
- Compulsory review of UG answer scripts where marks awarded exceed 90%
- Evaluation of PG project works by internal and external examiners

6. Number of candidates qualified: NET / SLET / GATE

NET – 01, K-SET -07

7. Initiatives towards faculty development programme

Teachers are encouraged to participate in Orientation programmes, Refresher courses, Workshops, Seminars & Conferences and to pursue research. Training was given to make use of ICT in teaching.

31 staff members have participated in workshop / seminar / conference during the year 2013-14.

8. Total number of Workshops / Seminars / Conferences conducted :

02 workshops, 05 seminars & 03 Conferences were conducted

Workshops

- One day Workshop on “Curriculum Development in Science Subjects” was organised by the college on 31-12-2013. It was inaugurated by Dr. C. Basavaraju, Registrar – Administration, UOM, Mysore & Presided over by Prof. B.V. Sambashivaiah, Chief Executive, JSSCM-25.
- One day Workshop on “Career Planning and Entrepreneurship Development” was organised by the college on 01-04-2014. It was inaugurated by Sri. K.V. Murthy, Industrialist, Mysore, Sri. H.R. Rajashekar Aradhya, General Manager, State Bank of Mysore, Mysore – 4 was the chief guest. Prof. M.B. Mallikarjuna Pandit, Principal, JSSCM – 25 presided over the function.

Seminars :

- UGC Sponsored One Day State Level Seminar on “Data Mining and Knowledge Discovery” was held on 14-3-2014. Key-note Address was delivered by Dr. D.S. Guru, Professor, DOS in CS, University of Mysore, Mysore & Presided over by Dr. Mruthyunjaya P Kulenur, Additional Director, College Education Division, JSS MVP, Mysore. It was organized by Dept. of Computer Science.
- One day International Seminar on ‘Recent Trends in Mathematics’ was organised by the college on 6-8-2013. It was inaugurated by Sri. B.N. Betkerur IAS (Retd.), Executive Secretary, JSS MVP, Mysore, Presided over by Dr. N.M. Bujurke, Professor & Chairman (Retd.), Dept. of Mathematics, Karnataka University, Dharwad. Prof. T.D. Subbanna, Director, College Education Division, JSS MVP, Mysore & Dr. Ismail Naci Cangul, Professor of Mathematics, Dean, Uludag University, Bursa, Turkey were the Chief Guests.
- A symposium was organized by the Department of Kannada on ‘Nanna Nota’ Devanooru Mahadeva avara Edege Bidda Akshara on 29-10-2013 It was organized by the PG Dept. of Kannada. Dr. S. Narendrakumar, Dr. B.R. Ambedkar Research and Extension Centre, UOM, Mysore, was the chief guest. Dr. H.T. Shylaja, HOD, Dept. of Kannada, presided over the function.
- UGC Sponsored Two Day State Level Seminar on “Materials Science and Engineering” was held on 21-03-2014. It was inaugurated by Prof. Dr. K.

Byrappa, Fellow, World Academy of Ceramics, Chief Co-ordinator, UPE & CPEPA Programmes, Co-ordinator, M.Tech; in Material Science, University of Mysore, Mysore, The function presided over by Prof. T.D. Subbanna, Director, College Education Division, JSS MVP, Mysore. - Prof. B.V. Sambashivaiah, Chief Executive, JSS College, Mysore was the guest of honour. It was organized by the Departments of Physics and Electronics.

- One Day Seminar was organized by the Department of Commerce & Management on “Insurance Services in India: Trends and Challenges” on 08-02-2014. It was inaugurated by Sri Amanulla Khan President All India Insurance Employees Association, Secretary (SIGTUR), South Asian Region, Bangalore, Dr. George Thomas, Director, College of Insurance, Insurance Institute of India, Mumbai, was the chief guest. It was presided over by Prof. S.P. Manjunath, Secretary, JSS MVP, Mysore.

Conferences:

- One Day Conference in Recent Advances in Mathematics (NCRAM-2014) was organized by the Dept. of Mathematics on 24-01-2014. It was inaugurated by Prof. T.D. Subbanna, Director, College Division, JSSMVP, Mysore, Presided over by Prof. P. Venkataramaiah, Former Vice Chancellor, Kuvempu University, Shimoga. Prof. N.M. Bujurke, FNA, Chairman (Retd.), DOS in Mathematics, Karnataka University, Dharwar, Prof. T.J. Pedley, FRS, G.I. Taylor Professor of Fluid Mechanics, DAMTP, Cambridge University, UK were the Chief Guests.
- Two Day KSTA Regional Conference was organized by the College on “Science and Technology for Education and Health Care” on 21 & 22 Feb 2014. It was inaugurated by Padmabhushan Prof. U.R. Rao, Hon'ble Chairman, KSTA & Former Chairman, ISRO. Prof. S.N. Hegde, Former Vice-chancellor, University Mysore & Prof. B.V. Sambashivaiah, Chief Executive, JSS College, Ooty Road, Mysore, were the chief guests, Presided over by Prof. K. Siddappa, Former Vice Chancellor, Bangalore University.
- UGC Sponsored Two Day National Conference on “Social Work and HIV/AIDS” was organised by PG department of Social Work in association with Asha Kirana Hospital, Mysore on 28-29 March 2014, It was inaugurated by Sri Ashokanand, IAS, Director-Advocacy, Karnataka Health Promotion Trust, Bangalore. Key-note address was delivered by Dr. S. Rajendra Prasad, Asst. Professor, Dept. of Medicine, JSS Medical College, Mysore, Presided over by Prof. T.D. Subbanna, Director, CED, JSS MVP, Mysore.

9. RESEARCH PROJECTS

Please refer **ANNEXURE – A**

10. Patents generated, if any:

Applied and waiting for award of Patent

Smt. Rekha N.D, PG Department of Biotechnology (2012-13)

11. New collaborative research programmes:

-- NIL--

12. Total research grant received from various agencies:

Please refer **ANNEXURE – A**

13. Number of research scholars

13

- **Teachers who have completed NET / SLET / K-SET / JRF during the year**

1. Dr. Latha B V, PG Dept. of Biochemistry
2. Smt. Syed Hajira Banu, PG Dept. of Biochemistry
3. Smt. Rekha N D, PG Dept. of Biotechnology
4. Smt. Rashmi J R, PG Dept. of Computer Science
5. Sri Maheshwar, PG Dept. of Commerce
6. Sri. Sunil Kumar K C, PG Dept. of Physics
7. Dr. Ranjini M S, Dept. of Zoology
8. Sri Lingaraju , Dept. of Env. Studies

- **Teachers who have completed M.Phil. during the year**

1. Sri Vinay S, PG Dept. of Commerce

- **Teachers who have completed Ph.D. during the year**

1. Ravi Kumar, Asst. Professor, PG Dept. of Mathematics
2. Venna, Asst. Professor, PG Dept. of Mathematics
3. Shilpa, Asst. Professor, PG Dept. of Mathematics

1.

- **Teachers pursuing Ph D**

1. Smt. Y.S. Sumanashree, Asst. Professor of Computer Science
2. Smt. Rashmi J R, Asst. Professor of Computer Science
3. Smt. Rekha N D, Asst. Professor of Biotechnology
4. Sri. Naveen P, Asst. Professor of Chemistry
5. Sri. Nithin K S, Asst. Professor of Chemistry
6. Sri. Mallikarjuna Swamy C, Asst. Professor of Chemistry
7. Sri. Santhosh Kumar N, Asst. Professor of Kannada

8. Sri. Abhijith M Singh, Asst. Professor of Biotechnology
9. Sri. Mallikarjuna B Chowgala, Asst. Professor of Biotechnology
10. Sri. Syed Hajira Banu, Asst. Professor of Biochemistry
11. Smt. Susmitha B, Asst. Professor of Social Work
12. Smt. Divya, Asst. Professoer of Commerce
13. Kum. Veda, Asst. Professor of Social Work

14. Citation index of faculty members and impact factor:

Impact factor : 2.75

15. Honours/Awards to the faculty:

Dr. L. Mallesha, PG Dept. of Chemistry, Life member in Chemical Society, Hong Kong

16. Internal resources generated:

Fee Rs. 86,07,270/-

Others Rs. 5,96,900/- for the year 2013-14

17. Details of departments getting SAP, COSIST/DST. FIST etc. assistance/ recognition:

K-FiST award for PG-Dept. of Bio-Technology from Vision Group on Science & Technology (VGST) Govt. of Karnataka.

18. Community services

- The NSS Unit of the college conducted a camp at Ayarahalli village from 13-3-2014 to 19-3-2014
- NCC, Youth Red Cross Unit, Rovers Unit conducted blood donation camp
- Red Ribbon club organised Awareness Programme on HIV/AIDs

19. Number of teachers and officers newly recruited:

Teachers – Permanent : --NIL--

Temporary : 43

20. Teaching – Non teaching staff ratio:

144 :57 (2.5 :1)

21. Number of hours the library is open in a year:

2800 Hours

**22. Number of new Books purchased / Journals subscribed:
2013-14**

Year	Books			Journals	
	UG	PG	Total	UG	PG
2013-14					
Upto 31.03.2014	2344	316	2660	141	
e-books / e-journals				5000	

	Grand Total	12660	5141
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23. Number of courses for which student assessment of teachers is introduced and the action taken on student feedback:

UG – 05 (21 combinations)

PG – 10

Concerned teachers have been informed to improve upon on relevant aspects identified.

24. Feedback from stakeholders

Obtained from students, Alumni and other stake holders

25. Unit cost of education:

UG : Rs 40,043

PG : Rs 19,674

Average cost : Rs 32,629

26. Computerization of administration and the process of admissions and examination results, issue of certificates:

- MIS work is on the verge of completion
- Software for examination related work has been procured.

27. Increase in the infrastructural facilities

↓ Particulars (Expenditure incurred on infrastructure in Rs.)→	2013-14	
	College A/c Amount in Rs	UGC Assistance Amount in Rs
Equipment	18500	5663059
Books	78913	439312
Journals & Periodicals	89519	200400
Furniture	105587	1052557
Building Alteration (Maintenance)	53275	-
Internet	48226	22412
Sports	125535	250678
Canteen building	NIL	NIL
Others	2867336	NIL
Total	3333616	7628418

28. ICT facilities (including internet) for teachers and students:

- LED TV
- Smart Classes
- Lenovo desktop computers
- Laptops
- Servers

- DLP Projectors
- MIS networking to provide about 400 internet points completed
- Wi-Fi Facilities

29. Financial aid & incentives to students:

Freeships, Scholarships & Cash prizes	Number	Amount in Rs
Freeships (Government)	Nil	Nil
Scholarships (Government)	190	6,80,606.00
UGC Stipend to economically weaker and meritorious students @ Rs. 500 per month for 9 months	Nil	Nil
Loan facilities	06	53,846.00
Cash prizes (Endowments)	08	3,100.00
Cash prizes to toppers (UG & PG)	06	12,000.00
Endowments		
Cash prizes to toppers (UG & PG)	33	1,14,000.00
JSS MVP		
Cash prize to achievers in extra curricular activities by JSSMVP	33	6,300.00

- Cash prize to students who have secured highest marks in optional specified subjects as per the wishes of the donors who have instituted endowments.
- Cash prize to students who have secured highest marks in Final year UG and PG programmes.
- Besides, assistance was given to 98 poor students in the form of books & stationery out of Students Welfare Fund.
- College has facilitated the students to obtain scholarships from different agencies & loan from banks.

30. Activities and support from Alumni Association:

- Blood donation camp in association with NCC & NSS units of the college
- Workshop on Career Guidance for final year PG students on 28-4-2012
- Distribution of fruits to in-patients of JSS Hospital on the occasion of 97th birthday celebration of His Holiness Dr. Sri Shivarathri Rajendra Mahaswamiji

31. Activities and support from Parent-Teacher Association:

-NIL-

32. Health Services:

Medical facilities are available for students and staff at:

- 1) JSS Hospital, Ramanuja Road, Mysore-4
- 2) JSS Ayurvedic Hospital, Ramanuja Road, Mysore-4
- 3) JSS Dental Hospital, Sri Shivarathreeswara Nagar, Bannimantap, Mysore.

33. Performance in Sports and Cultural activities :

Sports activities :

1. Ball Badminton team of our college has secured 2nd place in University of Mysore Inter Collegiate Inter Zonal Tournament.
2. Softball team has won 2nd place in University of Mysore Inter Collegiate Inter Zonal Tournament.
3. Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji Memorial Mysore City Inter-Collegiate Volleyball Tournament was organized by JSSCM – 25 on 24 Aug – 2013 and Volleyball Team of our college secured 1st place.
4. JSS Inter Institutional Volleyball Tournament was held on 11 Sept – 2013, organized by JSS College Gundlupet College Volleyball Team secured 1st place.
5. Mysore City Inter-Collegiate Athletic Meet 2013-14 was organized by Mysore City Inter-Collegiate Committee on 17 Sept – 2013, Following students have won prizes
 1. Mr. Ganesh M, *III BA*, secured 2nd Place in Shot put.
 2. Mr. Sharath, *III BCom* secured 2nd Place in 100mts.
 3. Mr. Shashikanthraj Urs, *II BSc* secured 3rd Place in Javelin Throw.
 4. Men Section: secured 2nd Place in 4x400 mts Relay.
 5. Men Section: secured 3rd Place in 4x100 mts Relay.
 6. Kum. Ashwini T K, *I MSc* secured 2nd Place in Shot put.
 7. Kum. Ashwini T K, *I MSc* secured 3rd Place in Discus Throw.
6. Mysore University Inter-Collegiate Athletic Meet 2013-14 was organized by JSS College, Ooty Road, Mysore-25 on 26 - 28 Sept – 2013. Following students have won prizes
 - (1) Abjishkek P (2) Abhishek C, (3) Vishwas, *I B Com*
 - (4) Jagdeesh M, *I BA* secured 2nd Place in 4x400 mts Relay Men.
7. In the Mysore City Inter-Collegiate Ball Badminton 2013-14. held on 19 Oct -2013 Ball Badminton Team secured 1st Place.
8. Mysore City Inter-Collegiate Tournaments 2013-14, Sports Pavilion, UOM, Mysore was organized by Mysore City Inter-Collegiate Committee on 22 Oct – 2013, Softball Team of our college secured 2nd Place.
9. Mysore City Inter-Collegiate Tournaments 2013-14, was organized by Mysore City

Inter-Collegiate Committee on 23 Oct – 2013, Volleyball Team of our college secured 2nd Place.

10. All India Inter-University Ball Badminton Tournament, was organized by Alagappa University, Karikudi, AP on 20-24 Dec- 2013, 1. Shivaprasad T.S, *III B Com* & 2. Pradhyumna V, *II B Com* Represented UOM.
11. Mysore University Inter-Collegiate Chamundi Zone Tournaments 2013-14, Sports Pavilion, UOM, Mysore was organized by Dept. of Physical Education, UOM, Mysore, on 5-2-2014, Softball Team of our college secured 2nd Place.
12. Mysore University Inter-Collegiate Chamundi Zone Tournaments 2013-14, Sports Pavilion, UOM, Mysore was organized by Dept. of Physical Education, UOM, Mysore, on 11-2-2014, Volleyball Team of our college secured 2nd Place.
13. Mysore University Inter-Collegiate Inter Zonal Tournaments 2013-14, Sports Pavilion, UOM, Mysore was organized by Govt. College (Autonomous), Mandya on 7 – 9 Mar 2014, Softball Team of our college secured 2nd Place and Volleyball Team of our college secured 3rd Place.

Cultural activities :

1. In the Light Music, Solo Song (Singing) competition which was organized by Hoysala Kannada Sanga & Savigannada Pathrika Balaga, Mysore on 15-8-2013, Mr. Sumanth R M, I BSc has secured 2nd Place.
2. In the State Level Kannada Bhavadgeethe which was organized by Sugama Sangeetha Academy Trust, Mysore on 15-09-2013, Mr. Sumanth R M, I BSc has secured 4th Place.
3. In the 15th State Level Bhavadgeethe – 2013 competition which was organized by Rangatharanga Trust, Chamarajanagar. on 8-12-2013, Mr. Sumanth R M, I BSc has secured 2nd Place.

34. Incentives to outstanding sports persons:

The outstanding students in sports have been encouraged with the following incentives.

- | | |
|--|--------------------|
| 1) Cash prizes | 2) Track suits |
| 3) Prizes in the form of cups & medals | 4) Fee concessions |

35. Student achievements and awards (Other than or reflected in item no. 33)

Please refer **Annexure- B**

36. Activities of Career Guidance and Placement Cell:

Workshop :

- One day Workshop on “Career Planning and Entrepreneurship Development” was organised on 01-04-2014. It was inaugurated by Sri. K.V. Murthy, Industrialist, Mysore, Sri. H.R. Rajashekar Aradhya, General Manager, State Bank

of Mysore, Mysore – 4 was the chief guest. Prof. M.B. Mallikarjuna Pandit, Principal, JSSCM – 25 presided over the function.

37. Placement services provided to students:

Sl. No.	Company	Date & Venue	No. Attended	No. Short Listed	Post	Compensation Amount in Rs	No. Offered
1	Infosys Bangalore	5-3-2013 at St. Philomena's College, Mysore	2	1	BPO Manager	10,500	1
2	Police Dept. Govt. of Karnataka	22 & 23 March 2013	3	3	KSRP		3
3	Wipro WASE Bangalore	26-3-2013 at SJCE, Mysore	20	2	IT Technologist	16,500	2
4	Wipro WASE Mysore	17-6-2013 Metagalli, Mysore	2	1	BPO Manager	10,500	1
5	WIPRO WASE	2-10-2013 Vidya vikas college, Mysore	7	3	Tech supporter	11,500	1
6	HP, Bangalore	4-1-2014 SJCE, Mysore	7	1	Tester	18,000	-
7	Skypro Technologies, Bangalore	11-01-2014 JSS College, Mysore	30	16	Tech support	18,000	03
8	Hinduja Global Solutions, Mysore	18-01-2014 JSS College, Mysore	102	45	BPO	10,000	34
9	IFBI, Mysore	22-01-2014 JSS College, Mysore	100	69	Officer	20,000	13
10	SBI Life Insurance Mysore	22-01-2014 JSS College, Mysore	100	-	Advisor	20,000	Result awaited
11	Wipro WASE	11-03-2014 SJCE, Mysore	28	14	Tech support	12,000	11
Total							69

38. Development programmes for Non-teaching staff:

05 Staff members attended One Day Seminar on "Tax Deducted at Source" organized by Income Tax Department, Mysore, on 22 Jan- 2014 at Cauvery Hall, KSOU, Mysore.

39. Good practices of the institution

General :

- Facilitating rural development by conducting NSS camps in rural areas
- Blood donation
- Celebrating National & State festivals
- Celebrating Founders' Day, Freshers' Day, Graduates' Day & College Day
- Alumni Meet
- Sports Meet
- Cultural Meet
- Inter-collegiate Sports & Cultural events

Academic :

- Organising special lecture programmes on contemporary topics
- Organising Seminars , Workshops & Conferences
- Introducing innovative multidisciplinary regular & add-on courses
- Undertaking Minor & Major research projects

40. Linkages developed with National / International academic research bodies

College has signed MoU with JSS University for carrying out research in the areas of Bio-Technology, Biochemistry and related Biomedical Sciences and to also assist in building advanced laboratories carrying out research activities in the institution.

41. Action Taken Report on the AQAR of the previous year

- The college released both the issues of JSSCM Research Journal - volume 2
- Introduced UGC sponsored PG Diploma in Digital Animation & Visual Effects
- Add on course in Web Designing was introduced
- M A in English & M Sc. in Mathematics was introduced
- Conducted Remedial Classes
- Started B Voc Programmes
- Organised Workshop on Curriculum Design and Development
- 2 workshops, 5 seminars and 3 conferences were organised.
- Teachers participated in various seminars and conferences.

42. Any other relevant information the University / Institution wishes to add:

The college has received UGC grants, the details are given in **Annexure – C**

- The report of the 'Review Committee of University of Mysore is given in **Annexure – D**
- Research Publications - Refer **Annexure- E**

Section C : Outcomes achieved by the end of the year

(attach separate sheet if required)

The college has taken up a number of activities during the year 2013-14. Outcomes achieved based on the initiatives & recommendations of the IQAC, have been reflected in section B under different items.

Section D : Plans of the HEI for the next year (attach separate sheet if required)

1. To start new skill oriented, need based UG/PG programmes
2. To Revise the curricula of UG programmes
3. To organise Workshops, Seminars, Conferences, Symposia & Training programmes
4. To strengthen research activities in the college
5. To motivate the teachers to pursue higher education
6. Motivate teachers to get NET/KSET qualified.
7. To involve Research Activities in the college
8. To start M Voc programme

Signature of the Dean (Academic) & IQAC Coordinator
(Prof. M MAHADEVAPPA)

Signature of the Principal & Chairperson of the IQAC
(Prof. M.B. MALLIKARJUNA PANDIT)