

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year (*for example 2013-14*)

2014-15

I. Details of the Institution

1.1 Name of the Institution

Maris Stella College

1.2 Address Line 1

59A-1-5, Opp.Govt.Polytechnic College

Address Line 2

Near Benz Circle

City/Town

Vijayawada

State

Andhra Pradesh

Pin Code

520008

Institution e-mail address

mscvja@gmail.com

Contact Nos.

9440578007, 0866-2472332

Name of the Head of the Institution:

Dr.Sr.Kulrekha Mudartha

Tel. No. with STD Code:

0866-2472332

Mobile:

9440578007

Name of the IQAC Co-ordinator:

Dr.K.Sandhya

Mobile:

9885027462

IQAC e-mail address:

iqacmsc@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN14805

OR

1.4 NAAC Executive Committee No. & Date:

EC/65/RAR/63 dated 25-10-2013

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

1.5 Website address:

www.marisstella.ac.in

Web-link of the AQAR:

<http://www.marisstella.ac.in/AQAR2014-15.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A****		1999	6 years
2	2 nd Cycle	A		2006	5 years
3	3 rd Cycle	A	3.24	2013	5 years
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

03/04/2004

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2012-13 submitted to NAAC on 01/11/2013 (DD/MM/YYYY)
- ii. AQAR 2013-14 submitted to NAAC on 24/09/2014 (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

Krishna University

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

Central Govt. - UGC

University with Potential for Excellence

UGC-CPE

√

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

9

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

2

2.4 No. of Management representatives

4

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and
community representatives

2

2.7 No. of Employers/ Industrialists

0

2.8 No. of other External Experts

2

2.9 Total No. of members

21

2.10 No. of IQAC meetings held

14

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- 3.6.14 to 5.6.14 : Workshop on Effective teaching by Prof.M.Rajeshwar
- 6.6.14 to 7.6.14 : Orientation Programme for faculty by Prof.Jayakar Challaraj and Dr.Spurgeon.
- 9.6.14 : Orientation to newly recruited faculty by Sr.Sleeva Thumma, Correspondent
- 27.8.14 : A talk on Tibetan Issues – visit of Tibetan Poet ‘Tenzin Tsundue. Awareness of Tibetan Issues.
- 27.8.14 : A Talk on Human Rights – Resource Persons 1) Mrs.Ch.Visalakshmi, A.P.State Chief for Human Rights 2) Mr.S.Dakshinamurthy, A.P.State Legal Advisor
- 28.8.14 : Awareness of Medicinal Plants & Generation of income by selling plants/leaves for Vinayaka Chavithi on 29.8.14 by Botany Department.
- 3.9.14 : Awareness of Right to Information by Smt.Lakshmi and Sri.Vijay Raju, Area Convenors, RTI organized by Telugu Department.
- 6.9.14 : Health Awareness Programme by Dr.K.Latha.
- 20.9.14 : Awareness Programme on Womens’ Problems and Atrocitiesby Rotarians, Womens’ Cell.
- 29.11.14 : Workshop on “How to face challenges of life” by Dr.V.Radhka Reddy, Prof. of Psychiatry, NTR Health University, Vijayawada

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
To strengthen admissions	5 % of increase in admissions in 2014-15
To offer more co-curricular activities	The number of co-curricular activities has been increased with the inclusion of Martial Arts
To continue to offer remedial coaching	423 Students took remedial coaching and took semester end exams successfully
To continue internships to students for hands on experience	45 days summer internship with Efftronics Systems Pvt.Ltd. from 15.4.15 to 31.5.15
To train faculty in e-learning/blended learning with moodle software	On 29 th ,30 th ,31 st January, 2015 a three day training programme in MOODLE for science faculty was organized. Resource person Mrs.Indira Koneru, E-learning Manager, IBI, ICFAI, Hyderabad. ___ Staff attended the training.
To initiate new clubs	The following clubs have been introduced in addition to the already existing Eco and Red Ribbon Clubs Literary (Spark), Cultural, Book Review, Science Inspire, Telugu – ‘Pratibha’, Commerce Club and Bio-Science Club
To strengthen placement training and campus recruitments	Training programmes were conducted for placement and career guidance. 68 students were placed in various companies
To train non-teaching staff in skill-based courses	Two non-teaching staff were trained as electricians at City Electrical Shop, Patamata from January to March’2015
To encourages staff to attend faculty development programmes	Faculty development programmes a. Wokshop in English for Effective Classroom Teaching by Prof.M.Rajeshwar from 3.6.14 to 5.6.14 b. Orientation programme on Pedagogy for all teaching faculty by Prof.Jayakar Chellaraj and Dr.Surgeon on 6 th & 7 th June, 2015 c. Orientation programme to newly recruited staff by Sr.Sleeva Thumma, Correspondent on 9.6.14 d. Capacity building for Women Managers in Higher Education from 7.10.14 to 12.10.14 sponsored by RGNIYD, Sriperambudu, Tamilnadu

	<p>e. MATLAB Training for Science teachers from 23.2.15 to 28.2.15</p> <p>f. MOODLE training in e and blended learning for science faculty by Mrs.Indira Koneru from 29th-31st January, 2015</p> <p>g.Ms.Matilda Meyer, Lect. In English attended training in Human Values from 9th-12th January at Goa, Panjin.</p> <p>h.MATLAB training from 16th-19th February</p> <p>i. Mrs.N.Sailaja, NCC Coordinator trained at Gwalior from September to November, 2014.</p>
To equip staff and students with research skills	<p>Training in Research was given to Staff and students</p> <p>MATLAB for students on 16th-19th February, 2015. Resource person Prof.B.S.R.Reddy, ALIET, Vijayawada and Mr.Sunil Kumar</p>
To offer special training programmes to students	<p>Special Training programmes to students</p> <p>a. A one day workshop on Soft Skills and Employability for SC students from Degree colleges from Krishna University organised under the sponsorship of RGNIYD conducted on 18th Feb, 2015. Resource persons Prof.K.Enoch, Prof.Ch.Swrupa Rani, Prof.B.Nagaraju, Mrs.S.Srinivasa Rao, ACP.</p> <p>b.National Youth Camp in Nirmala College for Women, Coimbatore during 13th-15th January, 2015.Ms.Rosiana Bersy and Joyce Ambrose attended the camp</p> <p>c. Soft Skills for employability/Placement training was given by Edubridge from September to November and November to February'2015</p> <p>d. A training programme on "Managerial Skills" for final year students through virtual labs. Resource persons Mrs.K.Sandhya, U.S.A (Alumni)</p> <p>e. Training for bank competitive exams from September to November'2015.</p>

** Attach the Academic Calendar of the year as Annexure.*

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Plan of action for overall improvement discussed.

- Added “Martial Arts” to the Co-curricular Activities.
- Senior faculty from all disciplines had a systematic interaction with the intermediate and final year degree students to explain to them about the courses offered and the strengths of the institution.
- Publicity for admissions was given through advertisements in newspapers, flexi banners and by word of mouth
- Remedial coaching was offered to slow learners and failures
- The departments of Physics, Chemistry and Electronics conducted a 2 day UGC sponsored National Seminar on “Emerging frontiers in Material Sciences” in which all eminent scholars from premier institutions like IIT,Chennai, Mumbai and BARC were resource persons.
- Training programmes and workshops were conducted.
- More number of students had on the job experience in the Summer internship.
- 3 staff members applied for major and minor research projects.
- Student clubs have been functioning and organizing activities.
- A four-day workshop on MEANSTACK was conducted for B.Sc Computer, Electronics,Statistics students.
- On 3.11.14 a workshop was conducted by the IQAC for non-autonomous and non-NAAC Accredited colleges in and around Vijayawada.
- A two day orientation on Pedgogy and value based education was organized on 5th & 6th June, 2014 by Fr.Alphonse S.J. Chennai, Loyola college.
- A National Seminar on Women Mathematicians was organized by the Department of Maths On

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	7	0	7	0
UG	14	0	8	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	11	0	11	0
Others	0	0	0	0
Total	32	0	26	0
Interdisciplinary	1	0	1	0
Innovative	0	0	0	0

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	21
Trimester	
Annual	

1.3 Feedback from stakeholders* (On all aspects) Alumni Parents Employers Students

Mode of feedback : Online Manual Co-operating schools (for PEI)
Oral

**Please provide an analysis of the feedback in the Annexure*

- 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

English: IDE 'A Basic Course in Soft Skills' was taken up

Maths: IDE in 'Arithmetic' in the IV semester

Physics: Rearrangement of syllabus of II year 'Thermodynamics & Optics' for III Semester and Thermodynamics for IV Semester

Botany: Change in II B.Sc syllabus for IV semester theory 'Taxonomy & Ecology and practicals 'Ecology'.

Biotechnology: I B.Sc I & II semester syllabus is changed

Computer Science: Introduced 'Programming in C' in place of PC Software for I semester. Introduced "OOPS with C++ and DS' in place of 'Programming in C' for I year II semester. Change in syllabus of II year Foundation Course for non-computer students.

Economics: Changed syllabus for III & IV semester. Introduced 'Macro Economic Theory-I' in place of 'Quantitative Methods in Economics-I' for III semester. Introduced 'Macro Economic Theory-II' in place of 'Quantitative Methods in Economics-II' for IV semester

Chemistry: Chemistry and Industry & Analytical and Organic Chemistry – Electives in V & VI Semesters.

- 1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
22	22	-	-	-

2.2 No. of permanent faculty with Ph.D.

12

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
								27	
								27	

2.4 No. of Guest and Visiting faculty and Temporary faculty

0	2	0
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	15	20	22
Presented papers	15	28	9
Resource Persons	2	5	6

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Innovative processes adopted by the institution in Teaching and Learning

- A six week summer internship for employability skills development on the job training for Computers, Physics and Electronics students from 15th April to 31st May 2015 at Efftronics Systems Pvt.Ltd by the Department of Physics
- MOODLE by Ms.C.Krishnaveni, Dept. of Maths is evaluating student performance through MOODLE
- Department of Physics conducted Virtual Classroom through Mrs.K.Sandhya who interacted from the USA on “Life & Communication Skills”
- Students of I B.Sc and II B.Sc were made to give a demonstration on “Tyndal Effect” and “Mechanism of Precipitation”. Lectures involved Mrs.S.Vanilatha & Ms.P.Jhansi Rani.
- Under the guidance of Ms.Vanilatha, students of III B.Sc , elective conducted experiments within the classroom and submitted the reports as part of II component
- Chromatography a common chapter in elective for two semesters is taught by V Sem students to VI sem students through the device of peer teaching. Dept. of English: 1. Peer teaching to slow learners.2) Scripting and enacting skits as part of II component besides intra and extra mural competitions.

- Dept. of Botany : 1) on the eve of Vinayaka Chavithi, Botany students were made to identify medicinal herbs and sell at reasonable price, This generated funds. 2) Leafy vegetables and lime were grown and sold by Horticulture students 3) An ecological awareness was created by moulding clay Vinayakas on the eve of Vinayaka Chavithi on 28.8.14. It was an eco-friendly task and generated income.
- Departments of Botany, Biotech and Zoology made Poster Presentation on Ozone Depletion and Global Warming on 16.9.14
- Tree Plantation was undertaken on 4.9.14 by Dept. of Botany.
- Physics: A visit to Prathap Industries Pvt. Ltd on 5.11.14 to gain hands on experience for the elective paper “Science & Technology of Ultrasonics”..
- Politics: III B.A students attended Vijayawada Municipal Corporation Council sessions to gain practical knowledge of VMC proceeding on 13.11.14
- Botany: Field visit for awareness of Mangroves habitats which grow in saline coastal sediment by III B.Sc students on 11.12.14. Market visit to observe Floral Trade and Culture on 29.11.14.
- Zoology: Soil Test Analysis for Shrimp Culture by Department of Zoology for Aquaculture training on 20.11.14.
- Biotech: Visit to soil testing lab at Tadepalli on 21.11.14. Blood grouping by Biotech students on 24.11.14
- MSAA – A workshop on Life Skills by “Dr.Radhika Reddy” on 29.11.14.

2.7 Total No. of actual teaching days during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

NIL

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

	45	
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2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A						
Literature	16	0	25	44	31	100
TTM	12	8	42	33	17	100
SW	5	20	40	40	0	100
HEP (TM)	-	-	-	-	-	-
HEP (EM)	14	0	57	36	0	93
B.Com						
CC	26	19	46	23	0	88
TPP	18	11	44	11	17	83
Computer Applications	40	5	43	32	5	85
BMS	7	14	72	0	14	100
B.Sc						
MPC	16	19	44	6	0	69
MECs	11	9	64	0	9	82
MSCs	46	17	46	13	4	80
MPCs	27	7	59	0	4	70
CBZ	23	26	57	0	4	87
Biotech	15	40	40	0	0	80
PG						
M.A.Eng	11	27	73	0	0	100
M.A Eco	-	-	-	-	-	-
M.Com	-	-	-	-	-	-
M.Sc Maths	7	14	57	-	-	71
MBA	29	72	28	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Conducted IQAC Workshop on “Efficacy of Internal Quality Assurance Systems” for all non-autonomous and non-accredited colleges under Krishna University on 3rd November, 2014.
- Three national level seminars were conducted by Telugu, Physics and Maths departments. UGC sponsored Telugu seminar on 8th & 9th January, 2015 – “Emerging Trends in Womens Writings in Telugu Literary and Political Perspectives” UGC sponsored Physics conference on “Emerging Frontiers of Material Sience” on 12th & 13th January, 2015.

National Seminar by Maths on “Women in Mathematics with Special Reference to Leelavathi” on 20th & 21st February, 2015
- Conducts Internal Academic Audit, prepares college hand book, plans college activities, plans input sessions, conducts awareness programme on life skills, ecology, monitors internal quality in teaching and learning. Collects feedback from various stakeholders. Attends workshops and awareness programmes on Quality and Finance organized by Higher Bodies like APSCHE, CCE, RJD and Universities, Plan for RUSA, Encourages Minor Research Projects.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	0
UGC – Faculty Improvement Programme	0
HRD programmes	1
Orientation programmes	7
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	54
Summer / Winter schools, Workshops, etc.	30
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	2	7	0	2
Technical Staff	0	0	0	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Gathered and displayed data about research grants, funds, fellowships available (UGC, CSIR, DST),etc.
- Identified potential areas of research in Sciences and Humanities and motivated faculty to take up Minor, Major Research Projects and pursue Ph.D and M.Phil.
- Extended financial support to attend conferences and workshops
- Invited scholars and eminent resource persons from diverse disciplines to share their expertise and sensitize staff towards emerging trends in research.
- Encouraged faculty to publish research articles of quality in peer reviewed , refereed journals with impact factor, articles in books and other journals
- Research orientation and reference skills among students through projects developed
- Providing Open Educational Research Resources to faculty and students.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	1	0	0
Outlay in Rs. Lakhs	0	10,00,000	0	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	2	0	0
Outlay in Rs. Lakhs	0	637500	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals		25	
Non-Peer Review Journals		25	
e-Journals			
Conference proceedings		30	

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College		NIL		
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

Level	International	National	State	University	College
Number	0	3	1	0	1
Sponsoring agencies		UGC	APEA & APSCHE		College

3.11 No. of conferences organized by the Institution

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 No. of research awards/ recognitions received by faculty and research fellows
 Of the institute in the year

Total	International	National	State	University	Dist	College
3	1	0	1	1	0	0

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
 National level International level

3.22 No. of students participated in NCC events:

University level State level
 National level International level

3.23 No. of Awards won in NSS:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="0"/>	College forum	<input type="text" value="12"/>
NCC	<input type="text" value="0"/>	NSS	<input type="text" value="13"/>
		Any other	<input type="text" value="0"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Prevention of school dropouts in Anuradha Rekula Municipal Corporation School by Social Work Department from June'14 to October, 14.
- Adult Literacy Programme at Ranigarithota and Krishnalanka by STARS from November'14 to February'15.
- Training in Cutting and Tailoring to slum dwellers in Krishnalanka from December'14 to February'15.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	20	0		20
Class rooms	60	0		60
Laboratories	18	0		18
Seminar Halls	2	0		2
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	3	7	UGC	12
Value of the equipment purchased during the year (Rs. in Lakhs)	995250	2742250	UGC	3737500
Others	-	-	-	-

4.2 Computerization of administration and library

- Library Server purchased in June'14
- 10 systems purchased with CPU
- 1 canon laser printer
- 5 DVD writers
- 1 UPS with battery back up

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	80348	528288	825	114405	81173	642693
Reference Books	8000	0	0	0	8000	0
e-Books	9700	0	0	0	9700	0
Journals	38	59010	0	0	62	95224
e-Journals	6000	0	0	0	6000	0
Digital Database	0	0	0	0	0	0
CD & Video	435	2200	4	4274	439	6474
Others (specify)	0	0	0	0	0	0

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	371	147	30	0	5	18	21	150
Added	50	0	0	40	10	0	0	0
Total	421	147	30	40	15	18	21	150

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Training for Technology Upgrading for staff and students – MOODLE, MATLAB, VIRTUAL CLASSROOM.
- A training on Open Educational Resources for students and staff was given twice on 22nd & 23rd January, 2015.
- Four day workshop on “Integration of Programming Skills and Orientation on MEANSTACK for all Physics, Computers and Electronics students on 12.8.14.
- Workshop on MOODLE on Teaching and Learning for Science faculty on 16.8.14
- Programme Skills Training for students of III B.Sc Computer, Electronics and Statistics on 19.8.14.
- Training on MATLAB for Science faculty I Batch from 1.12.14 to 6.12.14.
- MOODLE Training for Science faculty from 29.1.15 to 31.1.15
- Training on MATLAB for Science faculty I Batch from 23.2.15 to 28.2.15.
- Campus Wi-Fi facility provided.

E-governance

- Scholarships applied online
- College website is updated
- Results are posted on the website
- Bulk sms is sent to notify important and urgent messages to staff and students
- Self appraisals and API score is done through e-governance
- All correspondence regarding administration is made through e-governance – ID College, University, RJD, CCE, APSCHE, NAAC & UGC.

4.6 Amount spent on maintenance in lakhs :

i) ICT	17,44,000
ii) Campus Infrastructure and facilities	6,72,620
iii) Equipments	15,791
iv) Others	10,300
Total :	24,42,711

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The institution in consultation with IQAC prepared a hard book for 2014-2015 providing information related to student support service as follows

- Anti Sexual Harassment Cell.
- Anti-ragging cell
- Grievance redressal cell
- Counselling cell under professional counsellors.
- Career guidance and placement cell.
- Mentoring.
 - All these cells function under the guidance of the Principal and Vice-Principal as Ex-officio members and the senior teaching faculty
- Announcements during assemblies and through PAS are made to inform students of the services made available to them on the campus.
- The Librarian conducts Orientation programme to the I Years regarding Library services and facilities like OPAC, N-list, N-Computing, Infibnet, OER and Browser.
- Mentors also inform their mentees and the parents regarding student progression and availability of support services.

5.2 Efforts made by the institution for tracking the progression

- Alumni meet – Star Meet
- Students progression cell
- Social networking like Face book & Twitter.
- When alumni come to take ODs the administrative staff collect their data.
- On informal meets with staff, the details are liacked.
- Through print and electronic media

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1142	131	0	0

(b) No. of students outside the state

68

(c) No. of international students

2

Men	No	%	Women	No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
461	358	37	415	0	1271	467	339	34	433	0	1273

Demand ratio

Dropout % 0%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Through MOU with Edubridge, coaching is given in Soft Skills and Communication Skills for Employability.
- A certificate course in Spoken English, French, M.S Office was offered.
- Through IDE s In Arithmetic, Managerial Skills, Soft Skills, Statistical methods, Placements and Competitive Exams.

No. of students beneficiaries

500

5.5 No. of students qualified in these examinations

NET	<input type="text" value="1"/>	SET/SLET	<input type="text" value="1"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

- Mentors provided counselling to their wards whenever required

No. of students benefitted

500

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
11	238	12	56

5.8 Details of gender sensitization programmes

- A Talk on Gynaec problems on 26.06.14 – organised by Women’s cell – by Dr.Veena Padmasri, Manipal Hospitals
- Rally against child trafficking on 11.07.14 organised by Social Work Dept, Care & Share Charitable Trust, University College of Dubai.
- Awareness Programme on “Atrocities at Work place” by Women Cell.
- Women’s cell & Anti Sexual harassments cell conduct gender sensitization programmes periodically.
- Nari Chetana – an invited lecture by Dr.Raj kumar S Naik conducted by the Dept of Hindi on 05.11.2014.
- Gender issues are discussed in mentoring classes.
- A work shop on “ How to face challenge of Life” organised by MSAA – Dr.V. Radhika Reddy, Prof of Phychiatry, NTR Health University on 29.11.14.
- A certificate course in “Cutting & Tailoring” offered to Women in slums at Krishnalanka, as an outreach programme December 14 to February 15.
- “Capacity building of Women Managers in Higher Education” organised by RGNIYD at Sriperambudur, attended by Mrs.LMR Swarupa Rani & Mrs.B.Santhi Sree of Dept of English from 7th to 12th Oct 2014.
- A workshop was organised by the same members on 18.02.15 for Women SC,ST students from 20 neighbouring colleges under KRU, at MSC, sponsored by RGNIYD.
- Two students Ms Smiley Rosiana Bessey and Joyce Ambrose I BA attended a National Youth Camp at Nirmala College for Women, Coimbatore from 13th to 15th January 2015.

NSS SPECIAL CAMP:-

- On 19.11.14, Mr.Naveen Kumar, NSS Program Officer, Gudlavalleru Engineering College spoke on Women Empowerment.
- On 20.11.14 Dr.V.Y Rao of Rotaract Club spoke on Breast Cancer.
- On 21.11.14 Dr.D.Bhuvaneshwara Lakshmi, Principal, Siddartha B.Ed College spoke on “women Empowerment through Education”.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	10	187000
Financial support from government	616	3307829
Financial support from other sources	107	219342
Number of students who received International/ National recognitions	0	0

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____

- Provision of WiFi facility in the campus
- Internet facility provided in the hostel.
- Issue of books by the library for the whole semester.
- Personal grievance redressed by Dr.Sandhya.
- Sanitation improved in the hostel

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision : To equip students with high ideals of life and service in meeting the emerging needs and challenges as empowered women

Mission: To produce intellectually competent, socially committed, morally upright and spiritually inspired women with values of life.

6.2 Does the Institution has a management Information System

The institution has an adequate Management information system lending its support to the Administrative, Library and Examination sections. The websites of the Institution and library are regularly updated. ICT is extensively used by the teachers and students as a teaching and learning resource through Smart classrooms, Language labs and other e-resources. Open online educational Resources are available to students, who make an optimum use of those, for learning and project work etc ., Bulk SMS facility and group emailing are used to transmit information online as and when necessary. Student attendance is marked through a software. Scholarships provided through equivalence. Results are posted on college website. All correspondence with higher bodies is done through e-governance.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Some Departments have restructured the syllabi of certain courses- Physics,
Computers, Economics
The IDEs in existence have been continued.

6.3.2 Teaching and Learning

- Enhanced use of ICT
- Summer Internship continued.
- Workshops conducted in MOODLE (16.8)
- (23rd to 28th Feb) (16TH to 19th Feb) MATLAB & MEANSTACK (12.8)
- Program skills training for computers, Electronics and Statistics
- Training in soft skills for employability by Edubridge from August to February in 2 batches
- Workshop on Nano Technology and Career opportunities- 25.8.14
- Field trip for I,II,III year Biotech students to soil testing lab at Tadepalli 21.11.14
- Market visit by Horticulture students (29.11.14)
- III B.A.Political science students attended VMC Council sessions on 13.11.14

6.3.3 Examination and Evaluation

For assessment of the II component students are evaluated in diverse ways to gauge their capacity to grasp the course content and related topics.

6.3.4 Research and Development

Minor Research Projects are taken up by Dr.R.Syamalamba and Dr.G.Little Flower. Major Research Project was taken up by Dr.J.Asha Kumaru

Research Publications

Dr.K.Sandhya, Dept. of English

- Co-authored “Quest for Minority and Gender Identities “ with reference to Athia Hosaina’s “Sunlight on a Broken Column” in Scholar critic an International Tri annual Referred Journal – ISSN – 2348 - 6945(online) , 2348 - 6931(print) Issue – Aug 2014 , Vol – 1 Issued 2,
- Preface to “William Blake” in the book William Blake Kavivam by Dr.LSR Prasad , in Srujana Lokam, Warangal , 2015.
- Translated a Radio Documentary Feature “ Bapu Batalo “ into English , All Radio National Award Competetion , Dec 2015 .
- “Chains by GB Prabhat : A Diasporic Dimension” in the International Peer Reviewed Journal , “ Journal of English Language & Literature ” . Vol.2.Issue 1 , 2015 , ISSN : 2349 – 9753 .
- “ Voices of Women in Select Works of Indian Women Writes in English , An overview , in the Special Issue “ . New Directions in English Language & Literature Published by Indian Chronicle of English Literature Journal , Special Issue – 2015, ISSN 2321 – 6828
- Adhunika Andhra Angla Sahityallo Streevada Kavivva Dhoranulu “ Pg 148-154 in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Dr.V.Satya Sudha, Dept. of English

- Co-authored- “ Telugulo Dalita stree Vada Vachana Kavittvam , Oka Pariseelana “ Pg 130-134 20 in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Dr.P.Usha, Dept. of Telugu

- “ Ranganayakamma – Balipeetam – Samajika Spruha “ – Pg 18-20 in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Dr.V.N.Manga Devi, Dept. of Telugu

- “ Tamila Anuvada Streevadham – Dr.P.N.Parwathi Devi Kathalu “ Pg134 – 136 in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Ms.P.Vijaya Prasanna, Dept. of Telugu

- Achyutavalli , Rachanalu , Visleshana “ Pg 99-92 in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Ms.B.Rajeswari, Department of Hindi

- “ Telugu Rachaitrulu – samakaleena RajaKavya Sahitya Dhoranulu “. Pg 120, in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Dr.D.Ramakrishna, Dept. of Sanskrit

- 10th Sanskrit Reader (Main Language-Govt of AP) Lesson Writer
- 10th Sanskrit Leader – Composite Course
- “ Srimadbhagavata Advaita matha Pratishta “ (h.DTheris Republished) ISBN 978-81-217-0286-7,2015.
- “ Andhranaam Gita Govindeva Navarasa Vivechanam “ – a Bilingual Referred Journal of Indology of Maharshi Vyasa Dev National Research Institute Rourkela , Vol 5 , 2014 , ISSN 2320-2025.
- 6)” Prachina – Aadhunika Telugu Sahitya Samskruta Sahitya Vivechanam – Pub by Bharatiya Vidya Bhavan , N.D.2015. Book – “ Sanakrit Literature Past & Present “
- “ Leevathi of Bhaskaracharya ; Redefining by the Westeners “ in “ Women in Mathematics , with special reference to Leevathi . 2015 ISBN:978-80693-46-0

Mrs.G.Usha Kumari, Department of Mathematics

- “A Brief History of Indian Mathematics – Conference Souvenir- ISBN- 978-93-80693-46-0

Ms.C.Krishnaveni, Department of Mathematics

- “Leevathi of Bhaskaracharya ; Redefining by the Westeners “ in “ Women in Mathematics , with special reference to Leevathi . 2015 ISBN:978-80693-46-0

Mrs.A.Grace Eunice, Dept of Physics

- Published “Ultrasonic investigations in alcoholic mixtures containing propane-I-OL with water” in IJOER – Vol.3 SI, 2015. Jan-Feb 2015, ISSN 2321-7758, IF 3.601

Mrs.A.Kasturi, Dept. of Physics`

- “Plant Biodiversity Conservation Role of Botanists in sustainable utilization” in International Journal of Green and Herbal Chemistry IJGHC March 2014-May 2014: Vol.3, No.2,409-414.E-ISSN:2278-3229
- “Synthesis and Characterizations of LiCoO₂ Thin Films by Thermal Evaporation for Gas Sensing Application” (168-171) MSAIJ 12(5) 2015 Material Science An Indian Journal ISSN 0974-7486 Vol 12 Issue 5
- “Hazardous Materials in Chemical Dyes and Natural Solutions” IJOER Vol 3 Issue 1-ISSN 2321-7758 Vol 3 Issue 1 in the UGC sponsored national seminar on “Emerging Frontiers in Materials Science”.
- “Mathematisation of Physics-Contribution of Emmy Niether Women in Mathematics with Special Reference to Lilavathi” in the national seminar, ISBN:978-93-80693-46-0
- “Preparation of Cdo-Nano Particles by Spray Ppyrolysis” in International Journal of Green and Herbal Chemistry, March 2014-May 2014, Vol 3 No.2 ISSN:2278-3229 Pg 409-414.
- "LiCoO₂ Thin Films for Gas Sensing Applications in MSAIJ 12(5) 2015 (168-171 ISSN 0974-7486 Vol 12 Issue 5 , Material Science An Indian Journal.

Mrs.M.Triveni, Dept. of Physics

- “Study of Molecular Interactions in Binary Liquid Mixtures hsing some Lower Alcohols with Ethyl Benzoate as Common Component” in the UGC Sponsored National Conference on “Emerging Frontiers of Materials Science” ISSN:2321-7758
- “Theoretical Calculations on Ultrasonic Velocity in the binary Liquid Mixtures of Ethyl Benzoate with Lower Alkanols” in the UGC Sponsored National Conference on “Emerging Frontiers of Materials Science” ISSN:2321-7758
- “Liquid Crystals and their Applications” in the UGC Sponsored National Conference on “Emerging Frontiers of Materials Science” ISSN:2321-7758

Dr.G.Little Flower, Dept. of Physics

- “Virtual Labs:An Incredible Path to Strengthen Science Education” in the International Journal for Development of Computer Science & Technology 2(2014) Pg 40-44 ISSN 2320-7887 (online) ISSN 2321-0257 (Print) Impact Factor 0.642
- “Review on Cyberstocking” in International Journal on Cyberstocking IJDCST-18(2014) Pg 100-102, ISSN:2320-7884 (online) ISSN:2321-0257(Print)
- “Emerging Trends on using of Wifi in Higher Education-its Relevance” in IJDCST-2(2014 Pg 50-57.
- “Fusion & Future” in the International Journal of Multidisciplinary Advanced Research Trends, Vol.2, Issue 1, Feb 2015, ISSN:2349-7408, Impact Factor:2.2
- “Influence of V₂O₃ on some Physical Properties of Lead Borate Glasses in IJOER Vol.3, SI, Jan-Feb 2015, ISSN:2321-7758 , IF 3.601.

- “Influence of some III A Group Oxides on PbO-P₂O₅-As₂O₃ Glasses doped with Er³⁺ ions” in IJOER, Vol3, SI, Jan-Feb 2015, ISSN:2321-7758, IF 3.601.
- “Green Synthesis of Silver Nano Particles and Study of Some Physical Parameters of the Nano Fluid” in IJOER.
- “Investigation on the Role of Nano Silver in Controlling the Physical Parameters of an Industrial Effluent” in IJOER.
- Best Poster Publication & Certificate of Merit published in ICONSEA-2014 ISBN:978-81-924726-2-1.

Mrs.A.Vani Latha, Dept.of Chemistry

- “Exploration of Volumetric, Acoustic, Thermodynamic and IR Studies of Binary Mixtures of Green Solvent Ethyl Lactate with C₃ Alkanols at T=(303.15, 308.15, 313.15 and 318.15)K and Atmospheric Pressure” in the Journal of Molecular Liquids, IF 2.515
- “Investigation on the Role of Nano Silver in Controlling the Physical Parameters of an Industrial Effluent” in IJOER, IF 3.601ISSN:2321-7758.
- Synthesis and Study of Adsorption Properties of Activated Carbon from Citrus Aurantium and Punica Granatum” in the International Journal of Engineering Research Online A Peer Reviewed, Vol.3S1, 2015(Jan-Feb) ISSN: 2321-7758.

Ms.P.Jhansi Rani, Dept. of Chemistry

- Synthesis and Study of Adsorption Properties of Activated Carbon from Citrus Aurantium and Punica Granatum” in the International Journal of Engineering Research Online A Peer Reviewed, Vol.3S1, 2015(Jan-Feb) ISSN: 2321-7758.

Mrs.M.Mary Theresa, Dept. of Chemistry

- “Spectral and Optical Properties of Pure and Rare Earth Doped Non Linear Optical Active Single Crystals at Manganese Mercury Thiocyanatebis Dimethyl Sulphoxide” in IJOER-Online.

Ms.K.H.Anuhya, Department of Electronics

- Ultrasonic Investigations in Alcoholic Mixtures containing PROPAN – oh with water – JOER – Jan-Feb 2015. IJOER – Vol.3 SI 2015, Jun-Feb ISSN-23217758.IF-3.601

Mrs.C.V.L.Karuna, Dept. of Botany

- “Abburi Chayadevi Rachanalu , Sheela Jeevitam Pai Prabhavam “ Pg62-64 20 in Mahila Sahitya Vikasam ISBN: 978-81-930837-1-0Pub : ARC Conferences Ongole : 2015

Dr.Sr.P.Japamalai, Dept. of Zoology

- “ On Designed Bio materials to mimic the natural body paints “ RJOER online ISSN-2321-7758 Vol 3 SI- Jan-Feb 2015 , Pgs 144-148 . If 3.61

Mrs.Nitya Jeeva Prada, Dept. of Zoology

- Publication – “ Phytochemical and GC – MS studies of Diospyros Ferrea(Bakh) leaf in an International Journal of Scientific Research, Vol.4, Issue 6, June 2015.ISSN:2277-8179, IF- 2.31

Dr.Sr.Lovely Jacob, Department of Social Work

- Global Journal of Research Analysis, Aug’14. Vol.3, Issue-8 ISSN 2277-8160. Impact Factor:1.5408

Mrs.A.Naga Sundari, Dept. of MBA

- Publication – “Talent Management & Succession Planning” ISBN.978-93-83241-63-7
- MHRM Department, ANU, Feb 5th-8th, 15 Spl.Issue. Feb 2015, Vol.1 A Peer Reviewed Multidisciplinary International Journal, ISSN.2231-2137

Sr.Lavanya, Dept. of MBA

- Publication – “Talent Management & Succession Planning” ISBN.978-93-83241-63-7

Research

Dr.Girija Nambiar, Dept. of English

- One M.Phil Awarded Sep 2014

Dr.K.Sandhya, Dept. of English

- One M.Phil Awarded – June 2014
- Ph.D Awarded – March 2014
- Ph.D Awarded – March 2015
- From ANU
- Pursuing Research
 - 2 Ph.D scholars from JNTUH
 - 8 Ph.D Scholars from ANU
 - 4 M.Phil scholars from ANU

Dr.K.Sandhya adjudicated the Ph.D Thesis from Bharatidasan University

Dr.Sr.Lovely Jacob adjudicated the Ph.D Thesis from Periyar Maniammai University, Tanjaur, TN

Dr.D.Ramakrishna – Chairman of Vidya Varadhi Ph.D Viva Voce Committee – 12.4.15 at RSVP, Tirupathi

6.3.5 Library, ICT and physical infrastructure / instrumentation

- 10 computers have been added to the existing 29 computers.
- Training on open Educational Resources for staff and students, twice on 22nd & 23rd January, 2015.
- Campus Wi-Fi available.
- 726 text books and 4 CD/DVDs are added to the library collection.

6.3.6 Human Resource Management

- Orientation for the newly recruited staff
- Orientation for all the teaching staff
- Orientation to students on administration, examination and library systems
- Workshops
 - RTI -
 - Moodle
 - Nano-Technology
 - MATLAB
 - MEANSTACK
 - Leadership training
- Career guidance / Placement / Employability training
- Counseling, Mentoring

6.3.7 Faculty and Staff recruitment

- Staff recruitment is made purely on the basis of merit
- Staff are recruited based on the need
- Feedback is taken periodically from students, peers and management
- Suggestions for improvement are given to the staff
- Annual self appraisal for the aided staff as for the norms of CCE,A.P., is done every year.
- It is cross checked and ratified by the Principal.

6.3.8 Industry Interaction / Collaboration

- Efftronics – for Summer Internship
- Prathap Industries, Enikepadu – Physics
- Westin College of Hotel Management – Tourism
- Allianz Francaise – Certificate course in Franch
- Edubridge – Certificate course in Soft skills for Employability

6.3.9 Admission of Students

Admissions are conducted in a transparent manner, based on merit. Students from Minority Groups are given concessions.

6.4 Welfare schemes for

Teaching	
Non teaching	Financial support and leave is granted during illness. Interest free loans are given. New clothes are presented during Christmas season
Students	Schemes like Mid-day meal, Book Bank, Scholarships, fee concessions are continued. Provision of Infirmary, Gym and first-aid. Waiving of attendance to Sports girls

6.5 Total corpus fund generated

Rs.1408600

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Committee constituted by CCE	Yes	Committee constituted by the college
Administrative	Yes	Financial Audit by Brahmayya & Co.	No	-

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The existing pattern of Examination system continued during 2014-2015

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

- A few members of the alumni provide financial assistance to the Economically backward Students.
- MSAA gives scholarships and medals to the deserving 29.11.14
- Conducted awareness programmes through guest lectures by eminent Psychiatrists and doctors.
- Mrs.K.Sandhya (Alumna from the US) gave video conference on Communication skills through virtual labs.
- Some members sponsor activities like STAR MEET (alumni meet)

6.12 Activities and support from the Parent – Teacher Association

A parent – teacher meet is held every semester
Parents are permitted to call or meet in person the mentor, course teacher or management when need arises.

6.13 Development programmes for support staff

Financial support is given to non-teaching staff for skill development. Two attenders were trained in Electricial course from August to December, 2014.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- An eco-club in place
- Organic farming
- Rain water harvesting through soil percolation
- e-waste is collected.
- LED lights are used
- Solar panels are installed
- Use of plastics is banned
- Vehicle free day was observed on 22.11.14
- Making of Ganesha idols for Vinayaka Chathuthi
- Tree plantation on 4.9.14 – Botany Department, 60 saplings were planted.
- Saplings are offered to Guests of Honour on important occasions instead of bouquets.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Community development / Outreach programmes were organized by Social Work, NSS and STAR students and staff.
- Health awareness programmes were conducted
- Workshops on technology upgradation
- Gender sensitization programmes
- Social responsibility / citizenship roles – related programmes
- Ecology / environment sustenance activities
- Blood donation camps
- Placement training
- On the job training
- Certificate courses and Inter-disciplinary electives
- Increased use of ICT in teaching training
- Student – clubs initiated and activities conducted

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- The departments of Physics, Chemistry and Electronics conducted a 2 day UGC sponsored National Seminar on “Emerging frontiers in Material Sciences” in which all eminent scholars from premier institutions like IIT,Chennai, Mumbai and BARC were resource persons.
- Training programmes and workshops were conducted.
- More number of students had on the job experience in the Summer internship.
- 3 staff members applied for major and minor research projects.
- Student clubs have been functioning and organizing activities.
- A four-day workshop on MEANSTACK was conducted for B.Sc Computer, Electronics,Statistics students.
- On 3.11.14 a workshop was conducted by the IQAC for non-autonomous and non-NAAC Accredited colleges in and around Vijayawada.
- A two day orientation on Pedgogy and value based education was organized on 5th & 6th June, 2014 by Fr.Alphonse S.J. Chennai, Loyola college.
- A National Seminar on “Emerging Trends in Womens Writings in Telugu: Literary and Political Perspectives” on 7th & 8th January, 2015
- A National Seminar on Women Mathematicians was organized by the Department of Maths On 20th, 21st February, 2015.
- A workshop on MOODLE was conducted on 29th ,30th December,2014

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Summer Internship for 45 days

2. Student centric activities through the various clubs.

Students being the primary stake holders, a lot of emphasis is laid on student centric activities. Through the following clubs like Spark, Pratibha, Bio-Sciences, Inspire, Eco, Red Ribbon, Cultural, Commerce, a number of programmes were conducted by students themselves. Students organized National festivals, Teacher's Day, Christmas fete, outreach programmes, Awareness and protest rallies. These activities fostered wholesome education, boosted the morale and the confidence levels of students. It enhanced their organizational skills.

****Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

- An eco-club in place
- Organic farming
- Rain water harvesting through soil percolation
- e-waste is collected.
- LED lights are used
- Solar panels are installed
- Use of plastics is banned
- Vehicle free day was observed on 22.11.14
- Making of Ganesha idols for Vinayaka Chathuthi
- Tree plantation on 4.9.14 – Botany Department, 60 saplings were planted.
- Saplings are offered to Guests of Honour on important occasions instead of Bouquet.

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths:

- Sprawling campus with academic ambience.
- Well maintained surroundings with emphasis on environmental consciousness.
- CPE status enables the institution to improve quality in various parameters.’
- Autonomy with flexibility to frame the syllabus with CBCS
- NAAC Accreditation
- State of the Art infrastructure
- Well equipped science and language labs
- Automated library
- Dedicated Management
- Committed and loyal faculty
- Highly motivated student body
- A few highly placed alumni – Ms.Padmasree Corner, CISCO & Motorola
- for Twitter C.E.O.s Ms.Vanibala Sriram, Accountant General, Doctors, Lawyers, Industrialists, Business Entrepreneurs, NGOs, Professors
- Increased use of ICT in Teaching – Learning
- Student centric activities
- Campus Wi-Fi
- Good, secured Hostel accommodation.

Weaknesses

- High attrition rate of unaided staff
- First generation learners
- Economically backward students
- MSAA could be strengthened further to involve more number of old students for the development of their Alma Mater.
- Students from rural background.

Opportunities

- Possibility of generating more income by letting out the campus, which has a good Infrastructure.
- Expertise of eminent faculty can be utilized through staff exchange programmes.
- More linkages with industries could be made.
- Curriculum to be designed based on industrial and societal needs.

Threats

- Corporatization and privatization of higher education
- Apathetic attitude of policy makers regarding regularization of posts of Unaided lecturers.
- First generation learners
- Paucity of funds
- Staff attrition

8. Plans of institution for next year

CURRICULUM

- Offer a new BA programme with English Literature, Journalism, and Political Science.
- To review the syllabi of all disciplines to bring it in line with the UGC syllabus.

TEACHING –LEARNING

- National conference to be held by Department of Mathematics and an Expo on Mathematical Models
- Workshops on e-learning and Remote Sensing and GIS (Geographical Information System)
- Invited lectures on emerging fields and trends
- Orientation sessions for new lecturers , inputs on teaching for all faculty
- Proposal to set up a Centre for Buddhist Studies by department of Sanskrit.
- Proposal for International Seminar on Buddhism by department of Sanskrit
- Spoken English classes for the support staff
- Training programmes for the support staff
- Counseling sessions for staff

RESEARCH, EXTENSION

- Proposals for minor/major research projects from department of library and information sciences, Sanskrit
- Department of library and Information sciences to impart training in digitization , automation and maintenance to students of LISc.
- Department of Social Work, in collaboration with NGO s to organize a two-day exhibition –cum –Sale of products created by the physically-challenged /underprivileged
- Training in cutting and Tailoring for under privileged men in collaboration with All India Democratic Women Association(AIDWA)
- To encourage faculty to conduct National Seminars.
- To encourage staff to publish papers.

STUDENT SUPPORT

- Orientation for college life
- Anti ragging measures
- Work shop on Entrepreneurship by Department of Business Administration
- Leadership training by Department of Economics
- Invited lecturer on Stress Relief
- Training in Life Skills by EduBridge
- Courses in spoken English , Soft Skills, French , Painting , Hotel Management in collaboration with Siddhartha college of management
- Industrial visit , observation of functioning of Municipal Corporation Council
- Sports: Hosting the Krishna University Basket Ball Tournament
- Inter Collegiate Competition for students by Departments of Statistics, Maths , Electronics
- Student seminars
- Awareness programmers on AIDs, Breast-feeding and identifying Breast and Uterus Cancer
- Preparedness for placement :Orientation in collaboration with TCS and NIIT
- Counseling sessions for staff and students

ENVIRONMENT

- Awareness programme on Mosquito Menace ,ill -effects of deforestation
- Sapling Plantation by Department of Botany
- Exhibition by bio club highlighting pollution, sustainable development, recycling of waste etc. Medicinal plants, Natural remedies
- Use occasions like Vinayaka charthurti and Independence Day to promote campaign in support of clay idols, against the use of plastic flags.

MANAGEMENT

- Software of automation of student attendance.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____***_____

ENVIRONMENT

- Awareness programme on Mosquito Menace ,ill -effects of deforestation
- Sapling Plantation by Department of Botany
- Exhibition by bio club highlighting pollution, sustainable development, recycling of waste etc. Medicinal plants, Natural remedies
- Use occasions like Vinayaka charthurti and Independence Day to promote campaign in support of clay idols, against the use of plastic flags.

MANAGEMENT

- Software of automation of student attendance.

Name Dr. K. Sandhya

Name Dr. Sr. Kulkartha Mudartha

K. Sandhya

S. Kulkartha

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

ANNEXURE – I

2.15 ACADEMIC CALENDAR FOR THE YEAR 2014-2015

JUNE

3 rd -7 th	-	Orientation for the staff
9 th	-	Reopening for Degree and Intermediate
16 th	-	Orientation for the I year inter and degree students
24 th	-	Reopening for P.G
25 th	-	Seminar on “History of Indian Mathematicians
25 th	-	Reopening for MBA

JULY

17 th	-	Awareness programme on “III Effects of Deforestation”
25 th	-	Mock Parliament

AUGUST

2 nd	-	Workshop on “Word Power: How to enrich Vocabulary”
12 th	-	Workshop on “Integration of Programming Skills” and an orientation programme about MEAN STACK
16 th	-	Workshop on “Effective use of MOODLE in Teaching and Learning”
19 th	-	Training programme on “Sharpening Programme Skills”
20 th	-	Two-day Leadership Training Programme
21 st	-	Inauguration of English Literary Club SPARK
25 th	-	Workshop on “Nanotechnology and Career Opportunities in Research
27 th	-	Telugu Basha Dhinostavam

SEPTEMBER

20 th	-	A.D.Shroff Memorial Elocution Competition
23 rd	-	Inauguration of Cultural Club
25 th	-	World Tourism Day Celebrations
27 th	-	Inauguration of Indoor Sports Stadium

OCTOBER

31 st	-	Rashtriya Ekta Diwas Celebration
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NOVEMBER

3 rd	-	Workshop on “The Efficacy of Internal Quality Assurance Systems
7 th	-	Workshop on “PCB Designing”
8 th	-	Blood Donation Camp
15 th	-	Training programme on “Managerial Skills”
19 th – 25 th	-	Observation of Communal Harmony Week
25 th	-	International Youth Festival

- 27th - Workshop on “Entrepreneurship”
- 28th - E-wave Inter collegiate competition
- 29th - Seminar on “Facing Life Challenges”

DECEMBER

- 20th - Christmas Fete
- 23rd - Semi Christmas Celebrations
- 29th - Moodle workshop

JANUARY

- 8th – 9th - UGC sponsored national seminar on “Emerging Trends in Women’s Writing in Telugu”

FEBRUARY

- 12th – 13th - National Conference on “Emerging Frontiers of Materials Science”
- 14th - 53rd College Day Celebrations
- 20th – 21st - National Conference on “Women in Mathematics with Special Reference to Lilavati”
- 21st - Matrubhasha Diwas
- 26th – 27th - BOS Meetings

MARCH

- 7th - International Women’s Day Celebrations
- 5th - Practical Exams
- 2nd - Semester End Examination
- 27th - Academic Council Meeting
- 30th - Finance Committee Meeting

APRIL

- 18th - Governing Body Meeting
- 24th - Examination Results

Annexure-II

1.3 Feedback from Stakeholders

Alumni

- 1 80% of alumni have regular contact with Maris Stella College.
- 2 Half of the alumnae are having frequent contact with the college.
- 3 Majority of them are aware of the development that has been taking place in the college
- 4 44% through friends
- 5 40% of the alumnae are interested in day-to-day happenings. 40% are interested in remarkable happenings of the college.
- 6 College discipline was liked by 63% of the alumnae. Academics were liked by 60%.
- 7 Majority of the alumnae expressed that the teaching faculty was very good.
- 8 Almost all the alumnae felt that infrastructural facilities of the college are one of the best in the region.
- 9 Our alumnae felt that the courses offered by our college are for a better future or employment oriented.
- 10 Half of the alumnae expressed a good opinion about our curriculum of the course.
- 11 Majority of them accepted the teaching methodology of the college which contains lecture method, participative method and knowledge based method.
- 12 48% of the alumnae expressed a very good impression about sports and games in the college, but 37% felt more games and wider participation could be encouraged.
- 13 Almost all the alumnae felt that the focus given to NCC, NSS, Stellites to Awaken and Reachout to Society(STARS), Literary activities, Yoga, Music and Martial Arts are appropriate.
- 14 93% of the alumnae appreciated the thrust given to extra-curricular activities.
- 15 Three fourth of the respondents expressed their satisfaction with the celebrations/observing days of significance like Independence Day, Republic Day, Teachers' Day, World Aids Day and Youth Day.
- 16 65% of the alumnae reacted positively regarding autonomous status and the teaching-learning evaluation pattern.
- 17 60% of the students' opinion is that the fee structure of the college is reasonable and 20% felt that it is high.
- 18 35% of the alumnae felt that attending the conferences/workshops/guest lectures/competitions organised by the college are useful for higher studies as well as employment.
- 19 70% of them are favourable to the student-teacher ratio and teacher-parent meet is conducive to a healthy academic and personality development.
- 20 Half of the respondents felt that the stay in the hostel is comfortable, homely with good accommodation, food and care.
- 21 Majority of the alumnae expressed that the library is excellent, well equipped and updated.
- 22 All the respondents expressed dissatisfaction with the quality of food served in the canteen.

Suggestions:

- Offer more certificate/diploma courses which are job oriented
- Office staff need to be more approachable.
- The college could build better public relations.

Students:

- 1 Course/Curriculum: 90% of students expressed their satisfaction about the courses and curriculum
- 2 Teaching: 85% of students felt that overall teaching methods adopted by the faculty are good. 5% of students requested a few staff members to be bilingual while teaching. A few more wanted written material for study.
- 3 Mentoring: A large number of students are satisfied with the mentoring system in college. They felt that they could bring out academic and personal problems to be addressed or advised by their respective mentors.
- 4 Counselling: A good number of students are happy with the help that they get during counselling sessions.
- 5 Library: Students are happy with the excellent services provided by the library. However, a few felt there is a need to install more computers with internet facility in the library.
- 6 Canteen: Many students expressed that canteen services could be better and canteen staff more polite.
- 7 Sports and Games: By and large students expressed their immense satisfaction with the facilities provided by the college for sports and games. They are very happy with the sprawling campus and grounds.
- 8 Extra and Co-curricular activities: All students rated extra and co-curricular activities conducted in the college as very good.
- 9 Timings: A few students felt that college timings could be changed in such a way as to enable them to attend coaching for competitive examinations or take up part time employment.
- 10 Attendance: Some students suggested that the required percentage of attendance for semester end examination could be lowered to 70%.
- 11 Infrastructure: All students are very pleased with the adequate infrastructure and well-equipped laboratories.
- 12 A few final year UG students requested the administration to allow laptops to class.

Annexure III

7.3 BEST PRACTICES OF THE INSTITUTION

I. Summer internship for 45 days

1. Title of the practice – Summer Internship
2. The context that required the initiation of the practice – In the context of emerging global trends, first hand information, exposure and experience for students at an industry with scope of live projects to enhance employability.
3. Objectives of the practice:
 - To increase employability
 - Expose students to live experience at an industry
4. The practice
 - Practical knowledge of working with LED lights, soldering, desoldering, testing, analyze equipment as quality inspection of raw material
 - Practical knowledge of functioning of Solid State Lighting
 - Components mounting, soldering and desoldering of electronic assemblies
 - Analyze equipment, circuit disturbances and eliminate faults as quality inspection of a finished product
 - Eliminate faults in signalling systems
5. Obstacles faced – Prolonged hours of work
6. Impact of the practice – Students imbibe practical skills
7. Resources required – Provided by the industry
8. About the institution
 - I. Name of the institution: Maris Stella College
 - II. Year of Accreditation : 1999, 2006, 2013
 - III. Address : Near Benz Circle, Opp. Govt.Polytechnic College, Ring Road, Vijayawada-8
 - IV. Grade awarded : A
 - V. E-mail : mscvja@gmail.com
 - VI. Contact person for further details: The Principal, Maris Stella College
 - VII. Website: www.marisstella.ac.in

II. ICT with the use of Smart Classrooms

1. Title of the practice – Increased use of ICT
2. The context – In the context of emerging global trends to familiarize students and staff with the use, techniques and advantages of ICT in teaching and learning
3. Objectives of the practice:
 - To expose students and staff to the latest developments in technology
 - To work efficiently, accurately and with scientific temper
4. The practice
 - Teaching through audio-visual aids
 - Use of mi boards in teaching
 - Projecting teaching material through the visualizer
 - Listening and speaking skills practiced in the laboratory
 - Online examination conducted in testing, listening and speaking skills
 - Screening movies, slideshow
 - Use of internet for references, project work and research
 - Library is completely digitized
 - All information pertaining to teaching, learning, evaluation and research is documented through ICT
5. Obstacles faced – Power cuts, interruption in server connectivity
6. Impact of the practice –
 - Students have imbibed the basic skills of ICT
 - They are enabled to participate and present papers in seminars, conferences and symposia
 - Improvement of reference skills with the use e-journals and e-books
 - Enhancement in research activity
 - Global awareness
7. Resources required
 - Qualified staff and System Administrator
 - Software
 - Adequacy of computers
8. About the institution
 - I. Name of the institution: Maris Stella College
 - II. Year of Accreditation : 1999, 2006, 2013
 - III. Address : Near Benz Circle, Opp. Govt. Polytechnic College, Ring Road, Vijayawada-8
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