

# SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER



**IQAC**

**SUMMARY  
REPORT**

**2018-  
19**



INSTITUTIONAL QUALITY ASSURANCE CELL



**SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER**



**IQAC SUMMARY REPORT**  
**SESSION 2018-19**

**Significant contributions made by IQAC during the current year:**

**I. RESEARCH**

College Strives to inculcate and promote research culture among the staff and students as research contributes to developing in depth knowledge in a particular field of study, develops a better understanding, and builds credibility. For this, the College:

1. Inspired the staff to enroll and complete the Doctoral Degree.
2. Ensured the provision of incentives to the staff members for their research endeavours.
3. For the first time, sanctioned Seed Money grants to the staff members for carrying out Institutional Research Projects .

The following twelve staff members have received the Grant for Institutional Research Projects:

**1. Mr. Gautam Chaturvedi, Department of Computer Science**

Title of the Project- Study of Enterprise Resource Planning (ERP) System Functionality in Higher Education of Rajasthan

**2. Mrs. Neha Sharma, Department of Computer Science**

Title of the Project- Development of Spatial GIS data Filters for Controlling Network Traffic using WML

**3. Mr. Deepak Balani, Department of Commerce**

Title of the Project- Probability and Growth Analysis of Housing Industry in Ajmer with reference Current Leading policies of Commercial Banks.

**4. Dr. Ritu Bhargava, Department of Computer Science**

Title of the Project- Comparative Study of Smart Health Prediction using Machine Learning Algorithm

**5. Dr. Bhawana Sharma, Department of Management**

Title of the Project- A Comparative Study on Traditional and Online Education



**6. Mrs. Kiran Bhagnani, Department of Computer Science**

Title of the Project- An online Examination for Descriptive Type Questions using Artificial Intelligence

**7. Ms. Shipi Yadav, Department of Geography**

Title of the Project- Geo-Spatial & Temporal Analysis of Urban Heat Island using Remote Sensing and GIS: A Case Study of Ajmer City (Raj.)

**8. Mrs. Shahina Sherani, Department of Physical Education**

Title of the Project- Comparative Study for Sports Competition anxiety Between players from individual and Team Sports

**9. Ms. Shikha Sharma, Department of Geography**

Title of the Project- Spatial Temporal Changes in Political Boundaries: A Case Study of Ajmer City

**10. Mrs. Surbhi Mehra, Department of Management**

Title of the Project- A Comparative Study Work Life Balance among Academicians of Public and Private Colleges in Ajmer City of Rajasthan

**11. Mrs. Shubha Chaturvedi, Department of Computer Science**

Title of the Project- Study of Optical LAN as an Emerging LAN Architecture

**12. Mr. Rishi Saxena, Department of Computer Science**

Title of the Project- Development of an Expert System for Education to Identify the Core Skills in UG Students of Computer Science based on the Cognitive Behaviour

The following staff members have been awarded Ph.D. during 2018-19

1. Dr. Neha Sharma, Department of Computer Science
2. Dr. Avantika Gaur, Department of English

The college is also proud to announce that one of the senior faculty member, Dr. Monika Kannan has been sanctioned a Major Research Project from ICSSR.

## **II. CONFERENCES, SEMINARS, WORKSHOPS ORGANIZED**

**Department of Computer Science** organized a two-day National Workshop on 'Research Methodology and Data Analysis using Data Mining Tools' was organized on 16<sup>th</sup> -17<sup>th</sup> August 2018 sponsored by Department of Science and Technology, Government of Rajasthan.





A Two-Day National Conference on 'Emerging Trends and Scope in the Banking Sector with Special Reference to the Present Indian Scenario' was organised on the 24<sup>th</sup> -25<sup>th</sup> August, 2018 by the **Department of Commerce and Economics** in collaboration with the Rajasthan Chapter of Indian Commerce Association.



Participants from all over the country participated in the two-day National Conference on 'Advances in Science and Technology – an Interdisciplinary Approach' organised by the **Department of Chemistry** on 15<sup>th</sup>-16<sup>th</sup> October, 2018





A National Workshop on Quantitative Techniques and Data analysis was organized on 15<sup>th</sup> February, 2019 by the **Department of Geography**. Participants attended the workshop and benefitted from the expertise of eminent geographers from all around the country.



A two-day National Workshop on 'IoTignite' was organized on 22<sup>nd</sup> -23<sup>rd</sup> February, 2019 by the **Department of Computer Science** in collaboration with the Computer Society of India.



On 16<sup>th</sup> March 2019, **IQAC** organized a National Seminar on E-learning and MOOCs in Higher Education in collaboration with Guru Angad Dev Teaching Learning Centre of MHRD, co-organized by the Directorate of College Education, Government of Rajasthan which was attended by lecturers from different colleges of Rajasthan.





### III. FACULTY DEVELOPMENT PROGRAMMES ORGANISED FOR THE TEACHING STAFF:

S. No	Title of the Programme	Date
1.	INFLIBNET- A Tool For Research	4 <sup>th</sup> July, 2018
2.	Intellectual Property Rights	21 <sup>st</sup> July, 2018
3.	Perspectives of Effective Teaching	22 <sup>nd</sup> Sept, 2018
4.	Training and Professional Development- Google for Education	16 <sup>th</sup> Nov, 2018
5.	Intelligent Investments	16 <sup>th</sup> Feb, 2019
6.	Outcome Based Education	17 <sup>th</sup> –18 <sup>th</sup> April , 2019
7.	Life Skill Education	28 <sup>th</sup> -29 <sup>th</sup> June, 2019

### IV. STAFF DEVELOPMENT PROGRAMMES ORGANISED FOR THE NON-TEACHING STAFF:

S.No	Title of the Programme	Date
1.	Proficiency in Spoken English	4 <sup>th</sup> July, 2018
2.	Tailoring Skills	3 <sup>rd</sup> - 13 <sup>th</sup> Aug., 2018
3.	Basics of Spoken English	24 <sup>th</sup> Sept., 2018
4.	Financial Education- Investments, Insurance and Savings	5 <sup>th</sup> Oct., 2018
5.	Jewellery Making	13 <sup>th</sup> - 20 <sup>th</sup> Oct., 2018
6.	Intelligent Investments	16 <sup>th</sup> Feb., 2019
7.	Basics of Banking	16 <sup>th</sup> Feb., 2019

### V. PROFESSIONAL DEVELOPMENT PROGRAMMES, ORIENTATION/ INDUCTION PROGRAMMES, REFRESHER COURSE, SHORT TERM COURSES



Name of the Faculty	Title of the Programme	Date
Dr. Sr. Rani	Global immersion Programme at Singapore Institute of Management, Singapore	24 <sup>th</sup> -29 <sup>th</sup> Oct., 2018
	Faculty Training Programme for College Faculty - Asian University for Women, Chattogram, Bangladesh, organized by United Board for Higher studies in Asia	22 <sup>nd</sup> Feb-1 <sup>st</sup> Mar., 2019
Mrs. Deepmala	HRDC- Refresher Course in “Chemical and Physical Science”-Maharishi Dayanand Saraswati University, Ajmer	13 <sup>th</sup> Sep.- 3 Oct, 2018
Dr. Taruna Sethi	HRDC- Refresher Course in “Chemical and Physical Science”-Maharishi Dayanand Saraswati University, Ajmer	13 <sup>th</sup> Sept. – 3 <sup>rd</sup> Oct., 2018
Mrs. Persis Latika Dass	Refresher Course on “Human Rights and Women Empowerment” - Organized by HRDC, MDS University, Ajmer	26 <sup>th</sup> Feb – 18 <sup>th</sup> Mar, 2019
Mrs. Asha Sharma	Refresher Course on “Human Rights and Women Empowerment” - Organized by HRDC, MDS University, Ajmer	26 <sup>th</sup> Feb. -18 <sup>th</sup> March, 2019
Mrs. Surbhi Mehra	Attended Refresher Course in Human Rights and Women Empowerment - Maharshi Dayanand Saraswati University, Ajmer	26 <sup>th</sup> Feb.-18 <sup>th</sup> March, 2019
Ms. Shilpi Yadav	MOOC on Do-It-Yourself Geo Apps - organized by ESRI	4 weeks, 2019
	MOOC on Web Accessibility Best Practices - organized by ESRI	4 weeks 23 <sup>rd</sup> Jan., 2019
	MOOC on Earth Imagery at work - organized by ESRI	6 weeks, 2018
Mrs. Ruchi Mathur	Attended Refresher Course in Human Rights and Women Empowerment – Maharshi Dayanand Saraswati University, Ajmer	26 <sup>th</sup> Feb.- 18 <sup>th</sup> Mar, 2019

## VI. VALUE-ADDED COURSES OFFERED IN SESSION 2018-19

- Dramatics
- Aerobics
- Dance
- Library and Information Science
- Instrumental Music
- French
- Basics of Tally
- Journalism
- Photography
- Short Films and Documentaries



- Cambridge Communicative English
- Human Rights
- Self Defence
- Basic Yoga
- Personality Development
- Soft Skills
- Cosmetic Grooming and Nutritional Management
- Fitness
- Textile designing

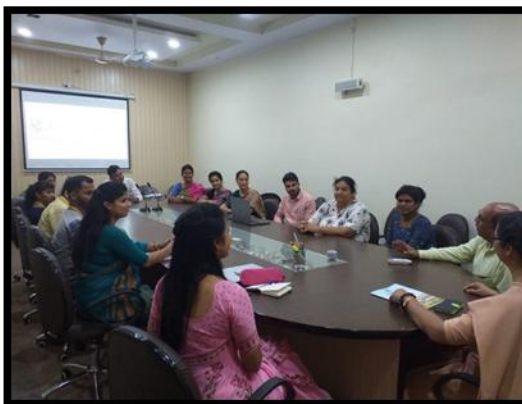
## **VII. COLLABORATIONS/ MOUs**

The College has signed Memorandums of Understanding with renowned institutions all over the country and abroad for the purpose of Staff and Student exposure and exchange Programmes, Collaborative Research and Cultural Exchange. In this Academic Year college has signed MoUs with 12 prestigious institutes:

1. People's Union for Civil Liberties, Ajmer
2. Sasvika Society, Ajmer
3. Govt. College of Arts, Science & Commerce (Goa)
4. Fr. Agnel College of Arts & Commerce (Goa)
5. Pillai College of Engineering, Mumbai (Maharashtra)
6. Jaipuria Institute of Management, Jaipur (Rajasthan)
7. St. Anthony's College, Shillong (Meghalaya)
8. St. Edmund's College, Shillong, Meghalaya
9. Don Bosco College, Diphu (Assam)
10. Carmel College of Arts, Science and Commerce for Women (Goa)
11. Allen Career Institute, Kota (Rajasthan)
12. HMT Machine Tools, Ajmer (Rajasthan)

Various Internships, Visits, Hands on Training, Exchange Programmes were organised during the whole academic year with the collaborative institutes





### **VIII. Internal audit**

The Internal Academic and Administrative Audit Committee was conducted the Audit on 10<sup>th</sup> July, 2018, hence all Departments submitted the report for the same.

### **IX. Compilation of AQAR:**

The IQAC members looked into the data requirements for AQAR submission for the year 2017-18 to cross check whether the data procured from the various departments was as required.

### **X COMPILATION AND SUBMISSION OF AISHE**

The IQAC members formulated a survey team and started documenting and preparing for the AISHE data for the session 2018-19 and was submitted on 23rd March 2019.

### **XI. Stakeholders' feedback on curriculum design, review and over all ambience of the Institution**

Structured feedback was analysed for design and review of syllabus (semester wise / year wise) is obtained from

- 1) Students,
- 2) Teachers,
- 3) Employers &
- 4) Alumni



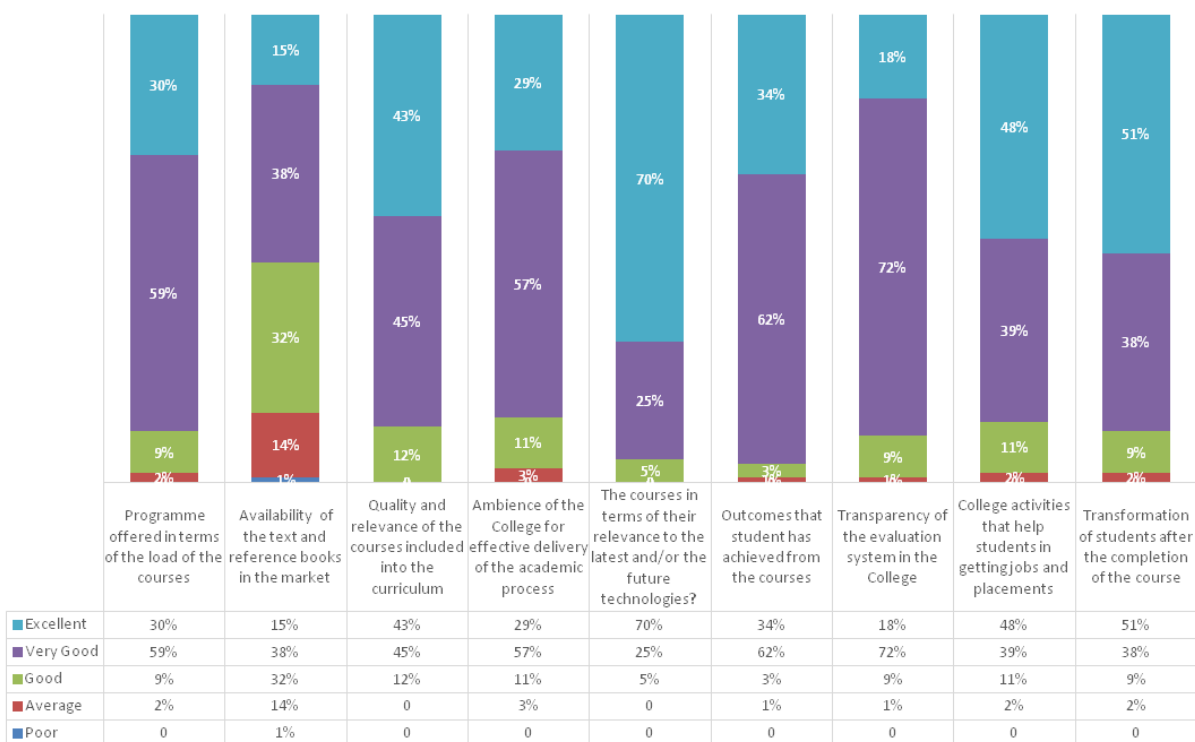
### STUDENTS FEEDBACK ANALYSIS 2018-19

	Depth of the course content including project work if any	Extent of coverage of courses	Employment orientation in the curriculum	Topics for competitive examination included in the syllabus	Applicability /relevance to real life situation	Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspective s)	Institutional efforts to orient on its vision and mission	Clarity and relevance of textual reading material	Extent of participatory learning and student involvement	Internal evaluation methods	Research orientation obtained during the programme	Overall rating
Very Good	64%	60%	58%	54%	50%	64%	61%	49%	54%	61%	50%	61%
Good	29%	28%	29%	34%	38%	33%	29%	38%	32%	29%	36%	31%
Satisfactory	7%	10%	12%	9%	12%	3%	9%	12%	14%	8%	14%	8%
Unsatisfactory	0	2%	1%	3%	0	0	1%	1%	0	2%	0	0

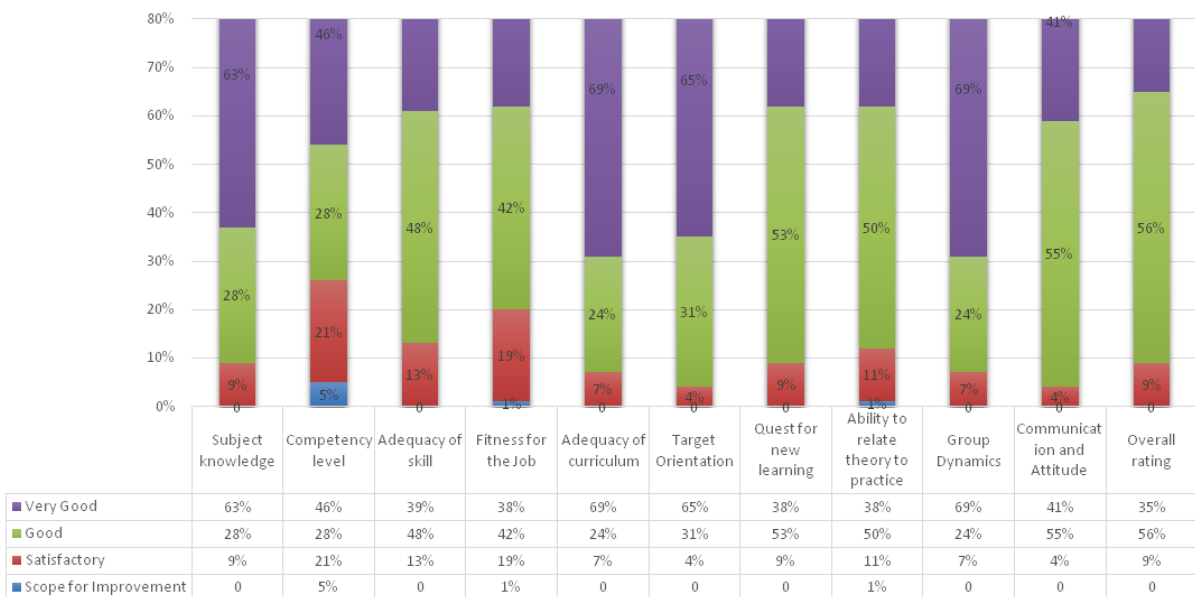
[illegible]



## TEACHERS FEEDBACK ANALYSIS 2018-19



## EMPLOYERS FEEDBACK ANALYSIS 2018-19





## ALUMNI FEEDBACK ANALYSIS 2018-19

