



SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER

2021-22

IQAC SUMMARY REPORT



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The major achievements of IQAC for the session 2021-22 are as follows-

I. RESEARCH

The College works towards the development of its faculty by encouraging them to indulge in Academic Research Activities to foster critical and analytical skills. For this, the College:

The following seven staff members have received the Grant of Rs. 30,000 each for Institutional Research:

- **Ms. Yuvnika Sogani**, Department of Commerce and Management
- **Ms. Khushboo Dagdi**, Department of Political Science
- **Ms. Laveena Gulabchandani**, Department of Chemistry
- **Ms. Divya A. Thomas**, Department of Chemistry
- **Ms. Rakshita Sharma**, Department of Geography
- **Ms. Himanshi Parashar**, Department of Geography
- **Dr. Varsha Maheshwari**, Department of Commerce and Management

The following staff members have received their Doctorate degree in the session **2021-22**:

- ✧ **Dr. Annu Bharadwaj**, Department of Botany
- ✧ **Dr. Mriganka Upadhyay**, Department of Zoology
- ✧ **Dr. Madhumita Hussain**, Department of Geography
- ✧ **Dr. Surbhi Mehra** , Department of Management
- ✧ **Dr. Tanveer Khan**, Department of Chemistry



II. COLLABORATIONS AND LINKAGES

In the academic year 2021-22, there have been several activities organized in alliance with the Institutions that have an MOU with the College. On an annual basis, the Institution collaborates and cooperates with new institutions and in this academic year, there were 4 inclusions to the enumeration of MOUs. They are as follows:

1. Marian College Kuttikkanam (Autonomous), Idukki, Kerala
2. Pantech E learning Pvt. Ltd.
3. AMITY University, Jaipur
4. Krishi Vigyan Kendra, Tabiji, Ajmer

III. FACULTY DEVELOPMENT PROGRAMMES ORGANISED FOR THE TEACHING STAFF:

S. No	Title of Programme	Date
1.	Financial Management for Research Projects	15 th July, 2021
2.	NEP 2020 : Reforms in Higher Education Institutes	10 th January, 2022
3.	Digital Tools and Techniques for Organizing Academic Programs	5 th & 7 th March 2022

IV. STAFF DEVELOPMENT PROGRAMMES ORGANISED FOR THE ADMINISTRATIVE STAFF:

S. No	Title of Programme	Date
1.	Public Finance Management System	17 th July, 2021
2.	Office Management and Filing System	12 th -14 th July, 2021

V. STAFF DEVELOPMENT PROGRAMMES ORGANISED FOR THE MAINTENANCE STAFF:

S. No	Title of Programme	Date
1.	Computer Fundamentals	16 th Sep., - 1 st Oct., 2021
2.	Spoken English (Basics)	26 th Oct- 7 th Nov., 2021

VI. PLACEMENT

The Placement Cell conducted periodic online/offline counselling and pre-placement training, seminars and workshops for the students to equip them with relevant skills in their respective fields. The companies and organizations like Infosys, Wipro, ICICI Bank, Byju's and TCS participated in the Placement Drives conducted by The Placement Cell:

- 14 students got placed in DEUTSCHE BANK and 7 in DELOITTE with a very good package.
- An E-placement drive of BloomBrain was organised by the Training and Placement Cell on 7th September, 2021.
- An Online Placement Drive of MyCaptain Learning App was conducted for all the final year students on 13th September 2021.
- In December 2021, Training and Placement Cell of Sophia Girls' College in collaboration with the British Youth International College UK, conducts a Seminar on EARN while you LEARN for various PART TIME and full- time positions.



VII. SEMINARS/ WEBINARS/ WORKSHOPS

Progress and learning are the essential part of human life. To keep up with the pace of the competitive world, learning should not stop even in confinement. In regards to the same concern the college organized various Seminars, Webinars and Workshops.

The Department of English of Sophia Girls' College (Autonomous), Ajmer organized a National Virtual Conference on "Critical Explorations on Indian Drama" from 16th December, 2021 to 18th December, 2021 through Zoom.

सोफिया गर्ल्स कॉलेज में तीन दिवसीय राष्ट्रीय आभासी सम्मेलन का समापन

अजमेर। सोफिया गर्ल्स कॉलेज (स्वायत्त शासी), अजमेर के अंग्रेजी विभाग के तत्वावधान में तीन दिवसीय राष्ट्रीय आभासी सम्मेलन का आयोजन किया गया। इस सम्मेलन का विषय क्रिटिकल एक्सप्लोरेशन ऑन इंडियन ड्रामा रखा गया था। सम्मेलन का शुभारंभ 16 दिसंबर को अंग्रेजी विभागाध्यक्ष प्रोफेसर सैड्डी ला द्वारा सभी के स्वागत के साथ किया गया तत्पश्चात कॉलेज प्राचार्य डॉ. सिस्टर पर्ल द्वारा उद्बोधन दिया गया और मुख्य उद्बोधन डॉ. विभा शर्मा (प्रोफेसर अलीगढ़ मुस्लिम यूनिवर्सिटी, अलीगढ़) द्वारा प्रस्तुत किया गया। प्रथम तकनीकी सत्र में डॉ. माधवी निकम (एसोसिएट प्रोफेसर आर.के. तालरंज कॉलेज, मुंबई) द्वारा विद्यार्थियों को तकनीकी गुर सिखाए गए। पत्र वाचन का संचालन डॉ. शालिनी शर्मा द्वारा किया गया।

द्वितीय दिवस 17 दिसंबर को तकनीकी सत्र में प्रोफेसर जयदीपसिंह के डोडिया (प्रोफेसर सौराष्ट्र यूनिवर्सिटी, राजकोट) द्वारा



विद्यार्थियों को प्रशिक्षण दिया गया, साथ ही उन्होंने पत्र वाचन का संचालन भी किया। तृतीय तकनीकी सत्र में डॉ. रीना सलारिया (विभागीय संयोजिका क्लस्टर यूनिवर्सिटी, जम्मू) द्वारा तकनीकी बारीकियों से अवगत

कराया गया। पत्र वाचन का संचालन डॉक्टर उर्वशी साबू (एसोसिएट प्रोफेसर दिल्ली यूनिवर्सिटी, दिल्ली) द्वारा किया गया। तृतीय दिवस 18 दिसंबर को चतुर्थ तकनीकी सत्र में फादर डॉ. के. एल. जॉर्ज

(एसोसिएट प्रोफेसर सेंट जोसेफ कॉलेज, पश्चिमी बंगाल) द्वारा सारगर्भित विचार प्रस्तुत किए गए। पत्र वाचन का संचालन डॉ. अतिका कैल्सी (अंग्रेजी विभागाध्यक्ष सेंट जेवियर्स कॉलेज, जयपुर) द्वारा किया गया। अंत में समापन समारोह दोपहर 3:00 बजे प्रारंभ हुआ, जिसमें डॉ. श्रवण कुमार शर्मा (प्रोफेसर गुरुकुल कांगड़ी मानद विश्वविद्यालय, हरिद्वार उत्तराखंड) ने अपने विचारों से सभी प्रतिभागियों को लाभान्वित किया। अंत में सोनल शर्मा (असिस्टेंट प्रोफेसर सोफिया गर्ल्स कॉलेज, अजमेर) ने इस आभासी सम्मेलन को रिपोर्ट प्रस्तुत की एवं सिस्टर विनीता (असिस्टेंट प्रोफेसर सोफिया गर्ल्स कॉलेज, अजमेर) ने सभी को धन्यवाद ज्ञापित किया। इस सम्मेलन में प्रतिभागियों द्वारा कुल 29 शोध पत्र प्रस्तुत किए गए। सम्मेलन में प्रस्तुत किए गए समस्त शोध पत्रों को संपादित पुस्तक में प्रकाशित किया जाएगा। इस सम्मेलन में 100 से अधिक प्रतिभागियों ने हिस्सा लिया।

The Department of Chemistry organized a National Webinar on “Spectroscopic Techniques: A Tool for Structure Elucidation” from 21st October, 2021 to 22nd October, 2021.

NATIONAL WEBINAR ON “SPECTROSCOPIC TECHNIQUES- A TOOL FOR STRUCTURE ELUCIDATION”
ORGANISED BY
DEPARTMENT OF CHEMISTRY
SOPHIA GIRLS' COLLEGE (AUTONOMOUS), AJMER (RAJ.)

Drugs derived from Plants

Coca Plant (Erythroxylum coca)
Source for Cocaine (Abused Drug) is good as local anaesthesia

Sarpagandha (Rauwolfia Serpentina)
Source for Reserpine- used for Blood pressure and psychiatric disorders

Promoting Chromatography Education Dr. G. Ramakrishnan

Historical Background
1802 Fraunhofer Absorption Lines
Wollaston and Fraunhofer, working independently, discover dark lines in the solar spectrum.

Molecular ion Peak : Molecular Formula

- Generally species of highest m/z
- Denoted as $[M]^+$ also corresponds to molecular weight of compound

$$M(g) \xrightarrow{-e} [M]^+(g) + 2e$$

- The Department of Botany From 7th March, 2022 to 10th March, 2022 organized an Online Staff Student Exchange Program in collaboration with Guru Nanak College Of Arts, Science & Commerce, Mumbai
- The Department of Political Science organized an MUN with IIT Roorkie from 4th December to 5th December, 2021.

43. Insertion of new article 257A- After article 257 of the Constitution, the following article shall be inserted, namely:

"257A. Assistance to States by deployment of armed forces or other forces of the Union, (1) The Government of India may deploy any armed force of the Union or any other force subject to the control of the Union for dealing with any grave situation of law and order, arising due to external threat, in any State.

(2) Any armed force or other force or any contingent or unit thereof deployed under clause (1) in any State shall act in accordance with such directions as the Government of India may issue and shall not, save as otherwise provided in such directions, be subject to the superintendence or control of the State Government or any officer or authority subordinate to the State Government.

(3) Parliament may, by law, specify the powers, functions, privileges and liabilities of the members of any force or any contingent or unit thereof deployed under clause (1) during the period of such deployment."

44. Amendment of article 311.- In article 311 of the Constitution, in clause

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

Name of teacher who attended the program	Title of the program	(From-To) (DD-MM-YYYY)
Dr. Taruna Sethi (Department of Chemistry)	International Faculty Development Program on Research Methodology organised by Kamla Nehru Mahavidyalaya, Nagpur	2 nd May 2022 - 7 th May2022
	Faculty Development Program on Emerging Trends in Applied	30 th May - 04th June-2022

	chemistry; A Step towards Sustainable Development” organised by SGT University, Gurugram, Delhi	
Ms. Divya Mishra (Department of Economics)	Refresher Course in Economics- “Sustainability Strategies: Perspectives from India” organised by Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with Department of Economics, Ramanujan College under the aegis of Ministry of Education PMMMNMTT	31 st Jan-14 th Feb 2022
Dr. Asha Sharma (Department of Psychology)	One – Week Faculty Development Programme On “Teaching – Learning Methods: From Micro Teaching to Peer Learning” Organized by Teaching Learning Centre, Ramanujan College, Du.	31 st Jan – 6 th Feb 2022
	Two-Week Inter-Disciplinary Refresher Course On “Research Methodology Organized by Teaching Learning Centre, Ramanujan College, Du.	20 th Feb – 6 th March 2022
	FDP on Education 4.0 organised by TLC	13 th -19 th August 2022
	FDP on Education 4.0 organised by TLC	13 th -19 th August 2022
Mrs. Geetika Yadav (Department of Sociology)	One Week Online National Faculty Development Program on Basics Of Research Methodology And Issues In Plagiarism organised by Guru Angad Dev teaching learning Centre PMMMNMTT, Ministry of Education, Khalsa college ,New Delhi	31 st May -6 th June 2022
Ms. Shahina Sherani (Department of Physical Education)	Online one week Faculty Development Programme organised by Teaching Learning Centre, Ramanujan College University of Delhi	7 th March- 13 th March 2022
Ms. Kumud Khatri (Department of Economics)	FDP on Data Analysis Using SPSS	15 th -21 st February, 2022
Ms. Laveena Gulabchandani (Department of Chemistry)	International Faculty Development Program on Research Methodology organised by Kamla Nehru Mahavidyalaya, Nagpur	2 nd May 2022 - 7 th May 2022
Ms Rakshanda Vasnani (Department of Sociology)	FDP on Advanced Pedagogical techniques organised by Teaching Learning Centre , Ramanujan College	25 th June—01 st July-2022

IX. CERTIFICATE COURSES OFFERED IN SESSION 2021-22

1. Life Skill Certificate Courses (First Years)

- Basic Yoga
- Basic Swimming Techniques
- Aerobics
- Fitness Workout Techniques
- Self Defence

2. Skill Enhancement Certificate Courses (Second Years)

- Basic SPSS
- Personality Development
- Basic Dyeing & Printing
- Photography
- Soft Skills
- Alternative Medicines & Home Remedies
- Basics of Tally

3. Vocational Certificate Courses (Third Years)

- Communicative English
- Functional Hindi
- Management of Domestic Gadgets and Appliances
- Quantitative Aptitude and Reasoning
- Animation Designing
- Business Communication Skills
- Baking and Confectionery

X. INTERNAL AUDIT

An Internal Academic Audit was conducted on 25th April, 2022 to evaluate the last semester results.

XI. COMPILATION OF SSR:

The IQAC members looked into the data requirements for SSR submission of five years to cross check whether the data procured from the various departments was as required.

XII. COMPILATION OF NIRF AND AISHE

The IQAC members formulated a survey team and started documenting and preparing for the AISHE and NIRF Ranking reports. The AISHE data for the year 2020-21 was submitted on 26th March 2022.

XIII. STAKEHOLDERS' FEEDBACK ON CURRICULUM DESIGN, REVIEW AND OVER ALL AMBIENCE OF THE INSTITUTION

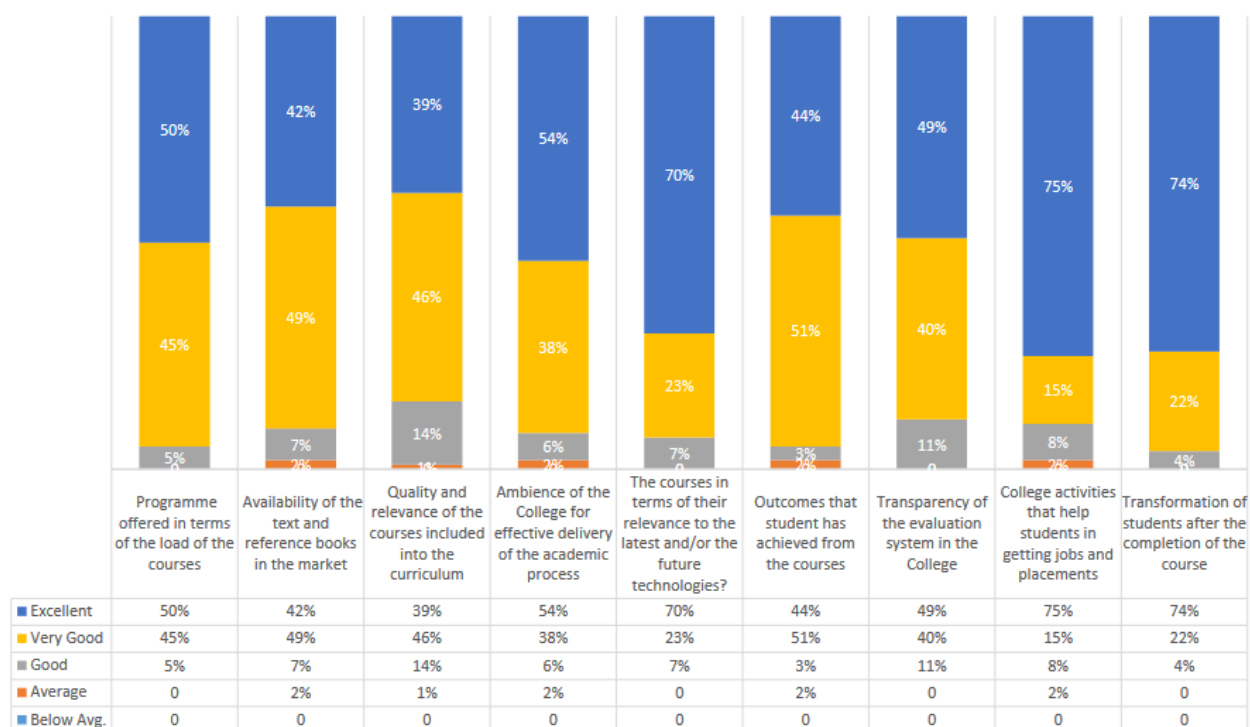
Structured feedback was analysed for design and review of syllabus (semester wise / year wise) is obtained from

- 1) Students,
- 2) Parents
- 3) Teachers
- 4) Employers
- 5) Alumni

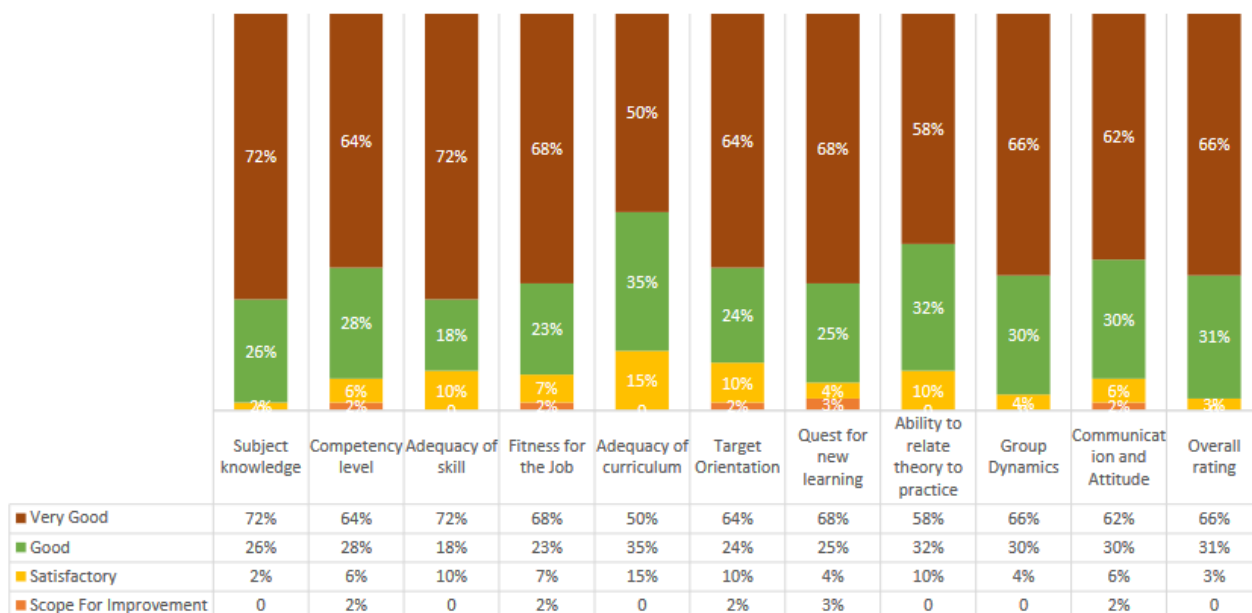
	Depth of the course content including project work if any	Extent of coverage of courses	Employment orientation in the curriculum	Topics for competitive examinations included in the syllabus	Applicability /relevance to real life situation	Learning values (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)	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%	57%	62%	52%	52%	64%	56%	52%	55%	62%	58%	64%
Good	32%	37%	26%	32%	33%	28%	39%	40%	30%	34%	28%	27%
Average	4%	6%	10%	15%	15%	8%	5%	8%	15%	4%	14%	9%
Below Avg.	0	0	2%	1%	0	0	0	0	0	0	0	0

[illegible]

TEACHERS FEEDBACK ANALYSIS 2021-22



EMPLOYERS FEEDBACK ANALYSIS 2021-22



ALUMNI FEEDBACK ANALYSIS 2021-22

