



# *Sophia Girls' College* *Ajmer*

**AUTONOMOUS**

Re-Accredited 'A' Grade by NAAC(UGC)

Affiliated to the Maharshi Dayanand Saraswati University, Ajmer

*Information Brochure 2019-2020*





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
*An Autonomous Institution of the University Grants Commission*

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Sophia Girls' College  
Meersha Ali, Jaipur Road, Ajmer,  
affiliated to Maharshi Dayanand Saraswati University, Rajasthan as  
Accredited  
with *CSPA* of 3.01 on four point scale  
at *A* grade  
valid up to December 31, 2020*

*Date : December 04, 2018*



*S. C. Sharma*  
Director

*Mary seat  
of  
Wisdom  
be with us.*



**INFORMATION BROCHURE  
2019-2020**

*of  
Sophia Girls' College, Ajmer  
(Autonomous)  
Under The Management  
of  
The Mission Sisters of Ajmer*



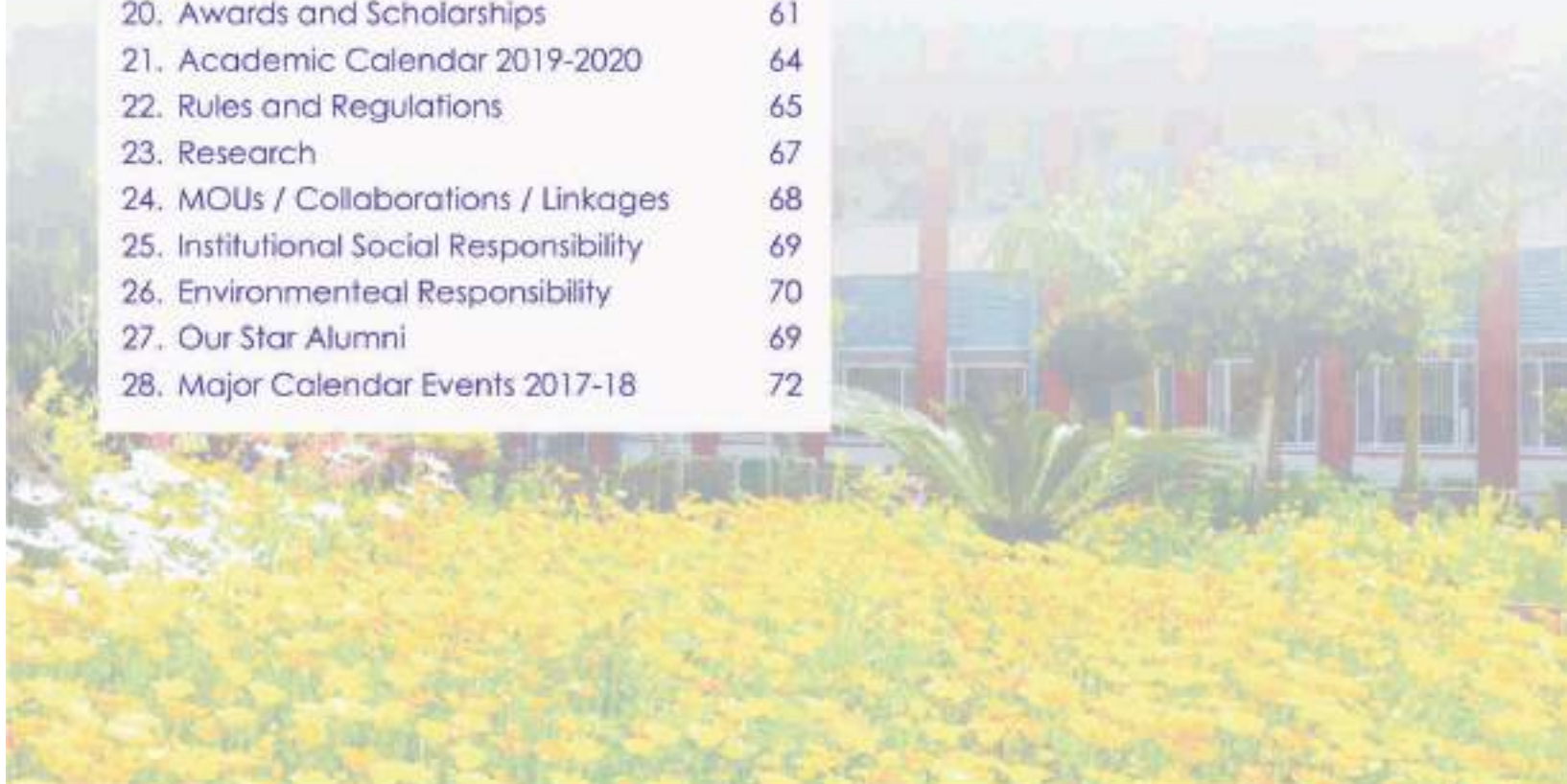
## St. Francis of Assisi's Prayer for Peace

Lord, make me an instrument of your peace:  
Where there is hatred, let me sow love;  
Where there is injury, pardon;  
Where there is doubt, faith;  
Where there is despair, hope;  
Where there is darkness, light;  
Where there is sadness, joy.

O Divine Master, grant that I may not so much seek  
To be consoled, as to console,  
To be understood, as to understand,  
To be loved, as to love.  
For it is in giving, that we receive,  
It is in pardoning, that we are pardoned,  
And it is in dying, that we are born to eternal life.  
Amen.

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# *From the Principal's Desk*



2019- Another year of God's grace, another milestone in the annals of Sophian history. We are now in the 60<sup>th</sup> year of our existence. Our institution has grown from a school meant for secluded and silenced women in a patriarchal society into a reputed institute of higher education. This was all because of our visionary and charismatic founder, Rt. Rev. Henry Caumont.

The Lord has indeed been gracious and merciful in this momentous year by extending our NAAC accreditation till December 2020. We have worked hard and the Almighty has found us worthy of this prodigious blessing. We now have more time to reflect on our vision which centers round academic excellence and the empowerment of women. We have reorganized and restructured our mission in keeping with global standards and have girded ourselves to relearn new pedagogies which are in sync with international standards. We are proud of our past laurels and brand name but are also conscious of the miles we need to walk on the path of perfection. We are confident that with God as our guide and the Spirit of Wisdom to enlighten us, Sophia College will continue her quest of wisdom. We acknowledge that "The gateways to wisdom and learning are always open and we are more and more choosing to walk through them. Barriers, blocks, obstacles and problems are personal teachers giving us the opportunity to move out of the past into the Totality of Possibilities." (Louise L. Hay)

Dr. Sister Pearl  
(Principal)

*" Everyone who  
remembers his own  
education  
remembers  
teachers, not  
methods and  
techniques. The  
teacher is the heart  
of the educational  
system ".*



## PROFILE OF THE COLLEGE

Sophia Girls' College, Ajmer functions under the management of the Mission Sisters of Ajmer, Sisterhood of Indian Women, whose dedication to God enables them to impart a liberal and enlightened education in the upliftment of humanity.

Rt. Rev. Msgr. Fortunatus Caumont, First Bishop of Ajmer, (1871-1930) the Founder of the Mission Sisters of Ajmer and his sister Rev. Mother Matilda (1880-1950) are the Founders of the Institution.

The Sophian Institution was founded in 1919 as a small Primary School to educate girls of conservative families of the time.

It gradually grew from a Middle to a High School and in 1942 was raised to the Intermediate level. The Institution acquired the Degree Status in 1959.

Today, the college is in its 60<sup>th</sup> year of serving the nation and providing quality higher education to women, as a full-fledged Autonomous College affiliated to Maharishi Dayanand Saraswati University, Ajmer.

The college offers the following courses - **Bachelors** of Arts, Science and Commerce, Management, Computer Application, Library and Information Science, Integrated B.C.A. - M.Sc. Computer Science, Honours in Economics, English and Commerce; **Post Graduation** in English, Geography, Political Science, Sociology, History, Chemistry, Computer Science, Commerce (A.B.S.T.) and M.Sc. Computer Science (Lateral Entry); **Doctrate** in Geography

# GREAT VISIONARIES



**Rt. Rev Bishop  
Fortunatus Henri Caumont**  
Founder of the M.S.A.



**Rev. Mother Matilda**  
Founder's Sister  
Collaborator with the Founder

## VISION

*'Seek ye Wisdom'*

To work for the promotion and empowerment of women in the field of Higher Education by providing ample opportunities for their holistic development so as to enable them to make an effective contribution to the community, society and nation.

## MISSION

Sophia Girls' College seeks to pursue wisdom by nurturing scholastic excellence, instilling moral values, creating responsible citizens and building global competencies.

## GOALS

- To lead the students towards the pursuit of truth, knowledge and God.
- To implant eternal values so as to enable them to become beacons of light and ambassadors of humanity.
- To inculcate discernment so that they think with acumen and astuteness.
- To recognise and bolster distinct talents of each student.
- To stress on individual development bearing in mind the changing needs of society.
- To mould young girls into mature, responsible, just and empowered women.
- To acclimatise the learners to the changing social milieu while being conversant with the traditional values.
- To sensitize the students to reach out to the marginalized and the underprivileged.

## CORE VALUES

### **Faith**

We believe that we can lead young women to experience the Supreme Being by exposing them to eternal values through the quest of truth and self knowledge.

### **Integrity**

We are convinced that there is a Supreme Power, the source of wisdom and discernment. As stewards of the Almighty we are responsible to build up a world based on integrity, equity and inclusivity inspite of the diversity and panoptic spectrum in the universe.

### **Accountability**

We believe that in our pilgrimage towards excellence we are accountable to our stake holders and hence transparency in all departments is of paramount importance.

### **Creativity**

College through its curricular, extra-curricular and outreach activities aims to nourish individuals who are creative, innovative and research oriented. Such individuals will contribute to building a more sustainable and equitable world.

## THE COLLEGE CREST EMBODIES THE VISION OF THE COLLEGE

The Golden Sun symbolizes 'the Word' which issues from the mouth of God. Wisdom leads to Truth and Truth to God.

The Red Band represents the band of love that unites the academic community-love that treats every human being as a child of God, deserving love.



The Star is a symbol of Hope lighting the way to Truth.

The Cross on the hills signifies Faith and Sacrifice, faith in God, faith in one's self and faith in others. The Cross indicates the way to love and sacrifice, for without sacrifice there is no genuine love.

The name 'Sophia' (Greek) implies Wisdom. The College motto is 'Seek ye Wisdom'.

### CODE OF CONDUCT

Discipline is a distinctive feature of the institution. Disregard of rules and regulations of the College will not be tolerated. Discipline will have to be maintained at all levels - regularity for daily assemblies, punctuality and regularity for classes, maintaining silence in the corridors and in areas where classes are held. All students are expected to attend the number of classes each semester as stipulated by the College authorities.

Any action likely to tarnish the good name of the College will be regarded as a breach of College discipline. The students will have to maintain a respectful attitude towards the authorities, elders and teachers. The students must cultivate a deep sense of honesty, loyalty and integrity. They must develop a sense of respect with regard to College property. They must be neat and modest in their mode of dress.

Students must wear their identity cards issued by the college at all times in the campus. They will not be permitted to enter the campus without the ID card. In the absence of I-Cards, students shall not be issued library books, nor permitted to participate in any college function. The Anti-ragging cell ensures that no student should experience the sour taste of ragging and conducts regular counseling sessions for the students. Use of mobile phones on the college premises is strictly banned.

The Value Education classes evolved by the College are held regularly in small groups, to help the students in self-evaluation. Rather than providing emphasis on penalization of misconduct students are groomed to cultivate manners and etiquette that endorse a positive conduct. Value Education classes are compulsory and non-attendance can cost a student her prize certificates.

### AUTONOMY

Sophia Girls' College, Ajmer is proud to announce that it has been conferred autonomy by the UGC for the period 2015 to 2021. Autonomy is a system of academic freedom mandated by the UGC. Autonomy of Higher Education Institutions is a pre-requisite for enabling them to achieve their goals and objectives. An honest exercise of autonomy - academic, administrative and financial leads to the creation of a centre of innovation, excellence and development. The College is now permitted to formulate its own syllabi, adopt innovative methods of pedagogy and establish its progression system i.e. conduct exams and publish results. Though the College has been empowered to conduct examinations for its students, the degree certificates will be issued by the University with the signature of the Vice Chancellor of Maharshi Dayanand Saraswati University, Ajmer, bearing the name of the College.

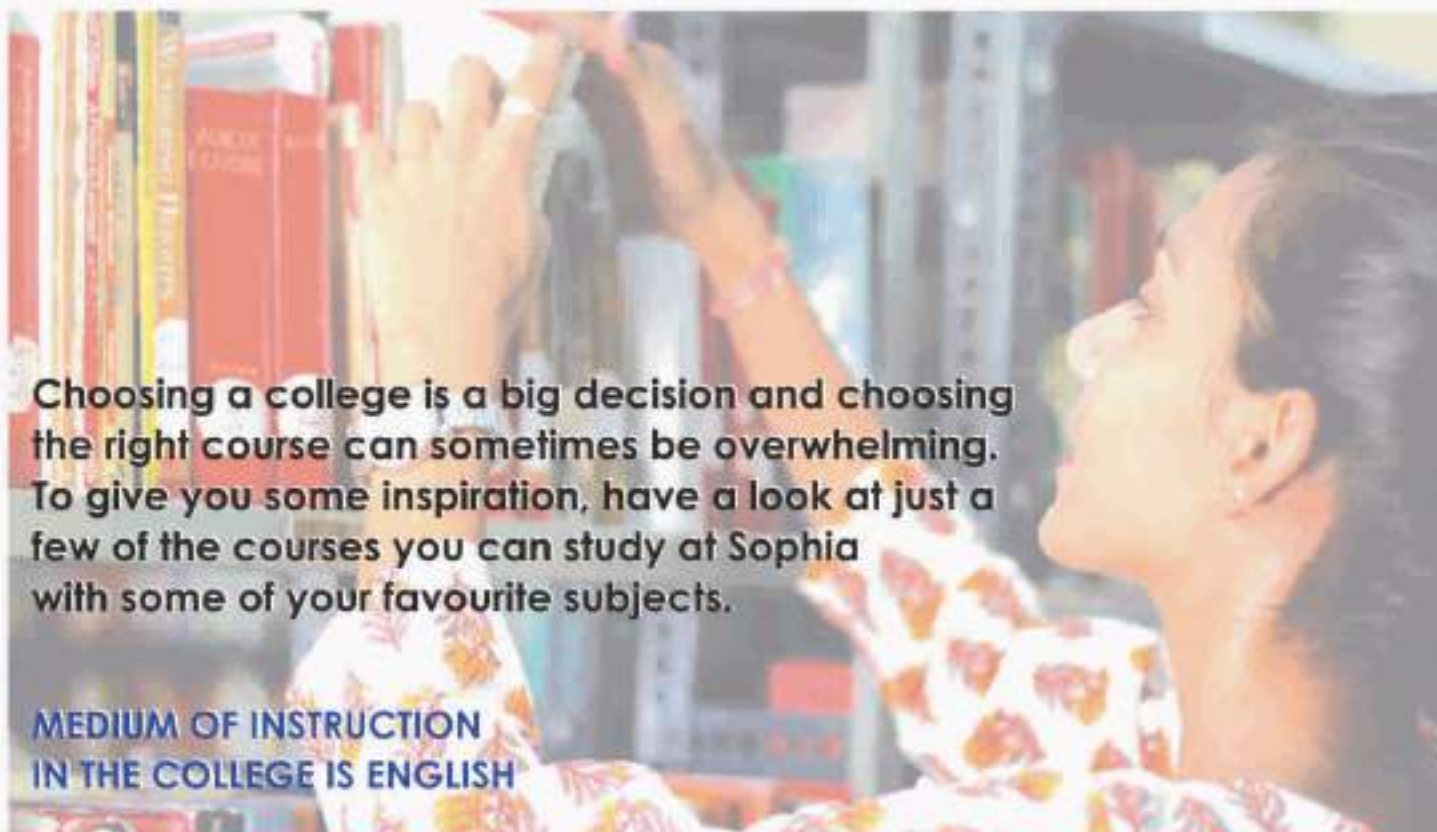
The Autonomous Scheme includes:

- Semester system for all courses
- Freedom to design new courses
- Syllabus to be designed by the College for all courses
- Exams to be conducted by the College itself
- Results/Mark-sheets to be prepared by the College itself
- Introduction of Choice Based Credit System (CBCS) for the Post Graduate courses from the academic year 2018-19 and for the Under Graduate courses from forthcoming academic session 2019-20.

# PRIDE OF SOPHIA

- College that works to fulfil the dream of 'Women Empowerment' in the desert land of Rajasthan.
- Well qualified, experienced and dedicated Faculty.
- Safe and Aesthetic Campus.
- Well Equipped Library.
- Integrates books with real life learning.
- Excellent Alumni Network.
- Conducts Job Oriented and Skill-Development Courses.
- Internships and Out-reach activities add to the growth story.
- MOUs and Collaborations with Colleges and Institutions of repute like ISRO, IIT-Mumbai, SIES Norway.
- Competitive Exam Preparation.
- NET-JRF Coaching.
- Excellent Sports Infrastructure.
- Focus on grooming 'Job Givers' instead of 'Job Seekers.'
- Developing Global Competencies through Diploma in French and Cambridge English Courses.
- Moral, Spiritual and Ethical Development are key focus areas.





Choosing a college is a big decision and choosing the right course can sometimes be overwhelming. To give you some inspiration, have a look at just a few of the courses you can study at Sophia with some of your favourite subjects.

**MEDIUM OF INSTRUCTION  
IN THE COLLEGE IS ENGLISH**

## **COURSES OF STUDY**

### **POST GRADUATE COURSES**

- M.A. English Literature
- M.A. Political Science
- M.A. Sociology
- M.A. History
- M.A / M.Sc Geography
- M.Sc Computer Science
- M.Sc Computer Science (Lateral Entry) (1 year Programme)
- M.Sc Chemistry
- M.Com (ABST)

### **UNDER GRADUATE COURSES**

- Bachelor of Arts (B.A.)
- Bachelor of Arts (Honours - English Literature)
- Bachelor of Arts (Honours - Economics)
- Bachelor of Science (B.Sc. Bio)
- Bachelor of Science (B.Sc. Maths)
- Bachelor of Commerce (B.Com)
- Bachelor of Commerce (Honours- B.Com)
- Bachelor of Business Administration (B.B.A)
- Bachelor of Computer Application (B.C.A)
- Integrated BCA M.Sc (Computer Science) (4years)
- Bachelor of Library and Information Science (BLIS) (For Graduates Only) (1 year)

## **ACADEMIC PROGRAMME**

### **UNDER GRADUATE COURSES**

#### **1. B.A. (Bachelor of Arts) (Pass Course)**

Course Duration: Six Semesters (Three Years)

The Student needs to choose any three optional subjects from the following groups:

#### **Optional Subjects (Any three)**

1. English Literature / Hindi Literature/ Functional English
2. Political Science / Home Science / Psychology/ Mathematics
3. Economics /Sociology / History
4. Computer Application / Geography / Physical Education

**Eligibility Criteria:** Minimum 45% in XII Board Examination

#### **Note:**

- Students intending to study English Literature and Political Science as an optional subject will have to pass a Qualifying Examination.
- Students opting for Mathematics as an optional subject, can do so, only if they have study Mathematics in class XII.

## 2. B.A. (English Honours)

Course Duration: Six Semesters (Three Years)

The student has to study four Compulsory Papers of English Literature and choose any one of the Subsidiary Subjects from the following:

### Subsidiary Subjects (any one)

1. Computer Application
2. Political Science
3. Psychology
4. Geography
5. Physical Education
6. Home Science

**Eligibility Criteria:** Minimum 50% in XII Board Examination.

**Note :** Student intending to study English Honours will have to pass a Qualifying Examination.

## 3. B.A. (Economics Honours)

Course Duration: Six Semesters (Three Years)

The student has to study four Compulsory Papers of Economics and choose any of the following Subsidiary Subjects:

### Subsidiary Subjects (any one)

1. Computer Application
2. Political Science
3. Psychology
4. Geography
5. Physical Education
6. Home Science
7. Mathematics

**Eligibility Criteria:** Minimum 50% in XII Board Examination

**Note:** Students opting for Mathematics as a subsidiary subject, can do so only if they have studied Mathematics in Class XII.

## 4. B.Sc. (Bachelor of Science) (Biology)

Course Duration: Six Semesters (Three Years)

### Optional Subject (Any three)

1. Botany
2. Zoology
3. Chemistry / Computer Application

**Eligibility Criteria:** Minimum 48% in Science Stream in XII Board Examination

## 5. B.Sc. (Bachelor of Science) (Mathematics)

Course Duration: Six Semesters (Three Years)

### Optional Subject (Any three)

1. Mathematics
2. Physics
3. Chemistry / Computer Application

**Eligibility Criteria:** Minimum 48% in Science Stream in XII Board Examination (PCM Combination)

**Note:** Students opting for Mathematics as an optional subject can do so only if they have studied Mathematics in Class XII.

## 6. B.Com. (Bachelor of Commerce) (Pass Course)

Course Duration: Six Semesters (Three Years)

### Optional Subject (Any three)

1. Accountancy & Finance
2. Business Management
3. Banking and Financial Management / Computer Application

**Eligibility Criteria:** Minimum 48% in XII Board Examination

**Note:** Non Commerce students will have to do two Qualifying Papers in the First Year.

## 7. B.Com. Honours

Course Duration: Six Semesters (Three Years)

**Eligibility Criteria:** Minimum 50% in XII Board Examination

**Note:** Non Commerce students will have to do two Qualifying Papers in the First Year.

## 8. B.B.A. (Bachelor of Business Administration)

Course Duration: Six Semesters (Three Years)

**Eligibility Criteria:** Minimum 50% in XII Board Examination

## 9. B.C.A. (Bachelor of Computer Applications)

Course Duration: Six Semesters (Three Years)

**Eligibility Criteria:** Minimum 50% in XII Board Examination

## 10. Integrated BCA M.Sc Programme

Course Duration: Eight Semesters (Four {Three + One} Years)

**Eligibility Criteria:** Minimum 50% in XII Board Examination

## 11. B.L.I.S. (Bachelor of Library & Information Science) (Applicable For Graduates Only)

Course Duration: Two Semesters (One Year)

**Eligibility Criteria:** Minimum 45% in Graduation

### Note for Undergraduate Courses:

#### Compulsory Papers:

1. General English - Semester I
2. General Hindi - Semester II
3. Environmental Studies - Semester III

## POST GRADUATE COURSES

### 1. M.A. (English Literature)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

**Note:**

- i. Students intending to study M.A English Literature will have to pass a Qualifying Examination
- ii. A weightage of 5% in Post Graduate Course shall be given to a student from B.A (Hons.) English

### 2. M.A. Political Science

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

A weightage of 5% in Post Graduate Course shall be given to a student from B.A. (Hons.) Political Science

### 3. M.A. (Sociology)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

A weightage of 5% in Post Graduate Course shall be given to a student from B.A. (Hons.) Sociology

### 4. M.A. (History)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

A weightage of 5% in Post Graduate Course shall be given to a student from B.A. (Hons.) History

### 5. M.A. / M.Sc. (Geography)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

A weightage of 5% in Post Graduate Course shall be given to a student from B.A. (Hons.) Geography

### 6. M.Sc.(Chemistry)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

### 7. M.Sc. (Computer Science)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 50% in Graduation

**Note:** A weightage of 5% in M.Sc Computer Science shall be given to a student graduating from B.C.A/ B.Sc Computer Science / IT.

### 8. Lateral M.Sc. (CS) - Masters in Computer Science (Lateral Entry)

Course Duration: Two Semesters (One Year)

**Eligibility Criteria:** Minimum 50% in BCA/B.Sc. IT/ B.Sc.CS./ PGDCA

### 9. M.Com. (ABST)

Course Duration: Four Semesters (Two Years)

**Eligibility Criteria:** Minimum 48% in Graduation

A weightage of 5% in Post Graduate Course shall be given to a student from B.Com. (Hons.)



## VALUE ADDED COURSES

### DIPLOMA

**Course Duration: 60 Contact hours**

- 1 Journalism
- 2 Yoga
- 3 French
- 4 Dyeing and Printing
- 5 Interior Designing
- 6 Sustainable Development
- 7 Geographical Information System (GIS)

### HEALTH & WELL-BEING COURSES

**(for FIRST YEAR) (Choose any one)**

**Course Duration: 30 Contact hours**

- 1 Basic Yoga
- 2 Swimming
- 3 Aerobics
- 4 Gym
- 5 Games and Sports
- 6 Self Defence (Compulsory)

### SKILL DEVELOPMENT CERTIFICATE

**COURSES (FOR SECOND YEAR) (Choose any one)**

**Course Duration: 30 Contact hours**

- 1 Food Preservation
- 2 Baking and Confectionery
- 3 Jewellery Making
- 4 Dyeing & Printing
- 5 Photography
- 6 Soft skills
- 7 English Communication Skills
- 8 Fine Arts
- 9 Creative Craft
- 10 Basic course of Ornithology

**VOCATIONAL CERTIFICATE COURSES (FOR THIRD YEAR) (Choose any one)**

**Course Duration: 30 Contact hours**

- 1 Personality Development
- 2 Human Rights
- 3 Library Sciences
- 4 Short Films and Documentaries
- 5 Developing Mobile Applications
- 6 Tally
- 7 Basic Accounting and E-Commerce
- 8 Alternative Medicines & Home Remedies
- 9 Beauty Culture
- 10 Statistical Package for Social Sciences (SPSS)

**Other Courses offered which are open for all students :**

- 1 Cambridge Communicative English (FCE)
- 2 RSC-IT
- 3 Instrumental Music
- 4 Dramatics
- 5 Language Lab

### DIPLOMA-

In today's fast moving world, diploma courses offer a more practical insight into the subject, strengthen the profile and broaden the skills and personality of an individual. The institution offers these 7 value added diploma courses keeping in mind the need and demand of the fast changing world. The duration of these courses is 60 contact hours.

1) **Journalism-** A diploma course in journalism makes a student an informant, a watch dog and a storyteller. This learning transforms a timid, naïve student into a confident, attentive student with an evaluating eye and a moving pen.

2) **Yoga-** The course aims to enhance the physical, mental and social health of the students. The curriculum enhances inter-personal skills and promotes self-employment.

3) **French-** French is one of the most famous and extensively spoken languages in the world. The competence to speak French is an asset in the International job market. The knowledge of French, offers- access to literature, films, fashion and songs. Sophia Girls' College understands the need of the students and in order to make the girls competent for different jobs

4) **Dyeing and Printing-** This is a diploma which teaches the students the various principles of designing with dyeing and printing techniques. In this course the students will be given basic knowledge about the little nuances related to the course.

5) **Interior Designing-** Interior designing is an upcoming professional field attracting the young generation. Through this diploma course students will learn about the creative planning and artistic design of interior spaces.

6) **Geographical Information System -** Diploma Program in GIS provides a synergic understanding of multiple disciplines, namely remote sensing, photogrammetry, cartography, GPS and geodesy imparting theoretical as well as hand-on training to students. It deals with spatial and non-spatial data, their methods of acquisition, management, analysis, display, and dissemination oriented to real world problems of the natural and man-made environments.

7) **Sustainable Development -** The basic objective of the course is to make students aware about the concept of sustainability, its importance, theories and best practices. Upon completion the prospective students will develop a cognitive framework enabling them to understand and solve real world complex problems in a more holistic and innovative way. With increasing global acceptance towards sustainability which has become a fast growing discipline with lots of potential for sustainability professionals.

## HEALTH AND WELL BEING COURSES (1 Years)

Health and well being courses will ensure that the students develop the knowledge and understanding needed for their mental, physical and emotional growth. These courses bring about an overall change in the personality of the students. They will help the body to relax and appease the mind. They bring positivity among the students and also augment concentration among them. The courses are as follows-

- 1) Basic Yoga
- 2) Swimming
- 3) Aerobics
- 4) Games and Sports
- 5) Gym
- 6) Self Defence

## SKILL DEVELOPMENT CERTIFICATE COURSE (II years)

Skill Development Certificate Courses are no longer a matter of choice; rather it is the need of the hour. These courses offer a futuristic approach, preparing the students for various industries and the job market. Sophia Girls' College believes in the overall development of the students by imparting them with much needed skills. The Course duration is **30 contact hours**

- 1) **Food Preservation-** It is a skill development course which provides knowledge to the students about the various methods of food preservation and food processing, in order to enhance the nutritive value and taste of various food products
- 2) **Baking and Confectionery-** To impart basic knowledge related to the principles and techniques of baking and to teach them various food products related to baking and confectionery.
- 3) **Jewellery Making-** It is an innovative skill certificate course that blends-conceptualizing jewellery design and manufacturing various jewellery products. Through this course the students get to learn both mechanical and aesthetic attributes of jewellery making.

- 4) **Dyeing and Printing-** This course trains the girls in areas like dyeing and printing techniques. This course gives the girls an edge in various job opportunities and trains them to become young entrepreneurs
- 5) **Photography-** Photography can be embraced both as a hobby and a career avenue. Students attending this course learn- camera operations, lighting, photo shop. Students can also pursue professional photography.
- 6) **Soft Skills-** This course revolves around the whole ambit of positive qualities that can enhance an individual's personality. These skills help an individual to develop strong personal interskills.
- 7) **English Communication Skills-** English in today's scenario is the most vital language. This course will improve the accuracy and fluency in producing and understanding spoken and written English. It will also enhance their vocabulary and heighten their awareness of the correct usage of English grammar.
- 8) **Fine Arts-** This course in Fine Arts will help the students to foster sensitivity, understanding, and appreciation for the endless artistic things that surround them; under the guidance and supervision of specialized facilitators.
- 9) **Creative Craft-** The course in creative craft helps the student to enhance both physical and mental skills, to foster creativity, to promote curiosity, exploration, experimentation and invention. This includes- knitting, crochet etc.
- 10) **Basic course in Ornithology-** This course gives a basic knowledge of observing and identifying birds, in their natural environment and understanding their behavior. This course will enable the students to pursue their career in various fields of ornithology as guides, research assistants etc.



## VOCATIONAL CERTIFICATE COURSE (III years)

In the present world, due to cut-throat competition, students need vocational training to become Entrepreneurs. The institution offers a wide variety of these courses which provides the students a platform to explore. The duration of these courses is **30 contact hours**.

- 1) **Personality Development**- This course helps to evolve an admirable disposition and makes an individual get pragmatic thought pattern, gain confidence, enhance etiquette, learn better communication and to groom the personality.
- 2) **Human Rights**- This vocational course capacitates the students to attain understanding and awareness with a perspective to strengthen universal decisions affecting them and others.
- 3) **Library and Information Science**- This course targets the advancement of crucial skills and knowledge among students with regard to efficient collection and management of information regarding Libraries.
- 4) **Short Films and Documentaries**- This course instills into the students, the art and craft of short film and documentary making. It aids the students to work collaboratively under high pressure and artistic ambience.
- 5) **Developing Mobile applications** – The students will be exposed to mobile application developing frameworks- like designing, techniques, methodologies. The students will be exposed and made competent in creating new mobile applications.
- 6) **Tally**- Tally is a software used by small, medium and large scale industries. There is a huge demand for Tally professionals now. The students opting for this course have an edge over others. Tally can provide a leap to ones career by enriching the knowledge in accounting, taxation and inventory management.
- 7) **Basic Accounting and E Commerce**- This course acquaints the students with the concept of e-commerce, designing and building e commerce system and the problems involved in it in accordance with the need of the industry.
- 8) **Alternative Medicines and Home Remedies**- The widespread use of alternative medicines and home remedies is of vital importance in the present world. This course will make the students aware of the need of alternative medicines and home remedies.
- 9) **Beauty Culture**- This course will be helpful for personal grooming as well as a career.
- 10) **SPSS**- The course in SPSS will enhance the analytical skills of the students which in turn will be an additional benefit for their research work and later will provide them with a job of data analyst.



# DEPARTMENTS

## AT A GLANCE

### HUMANITIES AND SOCIAL SCIENCES

#### DEPARTMENT OF ENGLISH

##### ABOUT THE DEPARTMENT

English Literature refers to the study of texts from around the world, written in the English language. By studying for a degree in English Literature, you will learn how to analyze a multitude of texts and write clearly using several different styles. Generally, literature refers to different types of text including novels, non-fiction, poetry, and plays, among other forms. However, literature is a contested term, as new mediums for communication provide different types of contemporary literature. The department aims at maximizing the intellectual potential of students by creating a stimulating learning environment. Also, to develop independently enquiring minds and encourages life time learning and appreciation of literature written across the different phases of world history. The possible career options after studying English Literature include Teaching, Lectureship, Journalism and Mass Communication, Writing, Editing, Linguistics, Translator, Communication Management. The department also offers Honours Degree in English Literature - It is a three year course which gives you the ability to analyze and form innovative ideas. This degree opens a wide range of opportunities for the students. The student besides the honours papers must opt for a subject which would broaden her horizon.



##### VISION

To develop a stimulating learning environment which encourages life time learning and appreciation of literature written across different phases of World History.

##### MISSION

To reinforce their ability to analyse and hone their critical thinking. To interpret and evaluate literary texts and theories and apply them to their lives. To provide them with sophisticated writing and thinking skills useful for understanding Literature. To create a dynamic research environment by introducing the tools of research.

##### COURSES OFFERED

Department of English offers the following courses:

- M.A. English Literature
- B.A. English Honours
- Optional Subject English Literature for B.A. (Pass Course)
- Optional Subject- Functional English For B.A. (Pass Course)
- Vocational Course (For II Year): English Communication Skills
- Diploma in Journalism and French

##### UNDERGRADUATE LEVEL –

###### *B.A. (Examination Scheme)*

Two Theory papers each semester: 100 Marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

##### NOMEN CLATURE OF COURSE:

###### **English Literature for B.A. (Pass Course)**

SEMESTER I- ENG 101- Poetry and Drama-I, ENG 102- Prose and Fiction - I

SEMESTER II- ENG 201- Poetry and Drama-II, ENG 202- Prose and Fiction - II



SEMESTER III- ENG 301- Poetry and Drama-I, ENG 302- Prose and Fiction - I

SEMESTER IV- ENG 401- Poetry and Drama-II, ENG 402- Prose and Fiction - II

SEMESTER V- ENG 501- Poetry and Drama-I, ENG 502- Prose and Fiction - I

SEMESTER VI- ENG 601- Poetry and Drama-II, ENG 602- Prose and Fiction - II

#### **UNDERGRADUATE LEVEL –**

##### **B.A. English Honours (Examination Scheme)**

Four Theory papers each semester: 100 Marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

#### **NOMENCLATURE OF COURSE:**

##### **B.A. English Honours**

SEMESTER I- ENGH 101-English Language I, ENGH 102-Pre Romantic and Romantic Poets I, ENGH 103-Victorian Poetry and Drama I, ENGH 104- Nineteenth Century Prose and Fiction I

SEMESTER II- ENGH 201- English Language II, ENGH 202-Pre Romantic and Romantic Poets II, ENGH 203- Victorian Poetry and Drama II, ENGH 204- Nineteenth Century Prose and Fiction II

SEMESTER III- ENGH 301-Elizabethan and Jacobean Age I, ENGH 302-American Literature I, ENGH 303-Indian Literature in English I, ENGH 304- The Study of Greek Drama I

SEMESTER IV- ENGH 401-Elizabethan and Jacobean Age II, ENGH 402-American Literature II, ENGH 403-

Indian Literature in English II, ENGH 404- The Study of Greek Drama II

SEMESTER V- ENGH 501- 17<sup>th</sup> and 18<sup>th</sup> Century English Literature I, ENGH 502- 20<sup>th</sup> Century English Literature Prose I, ENGH 503- 20<sup>th</sup> Century English Literature (Poetry and Drama) I, ENGH 504- English Literary History I

SEMESTER VI- ENGH 601- 17<sup>th</sup> and 18<sup>th</sup> Century English Literature II, ENGH 602- 20<sup>th</sup> Century English Literature Prose II, ENGH 603- 20<sup>th</sup> Century English Literature (Poetry and Drama) II, ENGH 604- English Literary History II

#### **POSTGRADUATE LEVEL –**

##### **M.A. English Literature**

##### **(Examination Scheme)**

Semester I and II - Four Theory papers each semester: 100 Marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

Semester III – Five Theory Papers: 100 Marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

Semester IV – Four Theory Papers: 100 Marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

One Dissertation, of 100 Marks, of which:

Internal Assessment: 30 Marks

External Viva Voce and Presentation: 70 Marks

## **NOMENCLATURE OF COURSE:**

### **M.A. English Literature**

SEMESTER I- ENGM 101- Modern English Usage and Communication Skills I, ENGM 102- Chaucer to the Neo-Classical Age I, ENGM 103- Drama: Elizabethan to Modern Age I, ENGM 104- Prose- Bacon to Bronte I

SEMESTER II- ENGM 201- Modern English Usage and Communication Skills II, ENGM 202- Poetry - Pre Romanticism and Romanticism, ENGM 203- Drama: Elizabethan to Modern Age II, ENGM 104- Prose- Swift to Eliot

SEMESTER III- ENGM 301- Principles of Criticism I, ENGM 302- Victorians to Early Moderns I, ENGM 303- Twentieth Century Literature I, ENGM 304- Post Colonial Writing I, ENGM 305- Women's Writing I

SEMESTER IV- ENGM 401- Principles of Criticism II, ENGM 402- Modern and Post- Modern Literature, ENGM 403- Post- Colonial Literature II, ENGM 404- Women's Writing- II, ENGM 405- Research Methodology and Dissertation

### **Vocational Course (Examination Scheme)**

Course duration- 30 Contact Hours

Weightage-100 marks, of which :-

Practical-70 marks and Theory: 30 marks

### **Diploma :**

Course duration- 60 Contact Hours

Weightage-100 marks, of which :-

Practical-70 marks and Theory: 30 marks

### **FORUM: "Athaneum"**

Athenacum is a forum meant for the students of English Literature. It seeks to inculcate a love for all things of a literary nature, to stimulate creativity in every student, to encourage a love for research and critical thinking and to provide a platform for budding writers. The forum organizes various events - Annual English Play, visit to Jaipur Literature Festival, Pegasus Lit-Fest, Annual English Debate and visit to Delhi World Book Fair. This stimulates innovation in students and motivates them to think critically and broadens their horizons in Literature. Students are also taken to academic conferences, seminars and workshops in order to encourage their acumen for research in English Literature. The forum also organizes in- house national and international conferences, seminars and workshops that enables the student to learn more and explore more.

## **DEPARTMENT OF ECONOMICS**

### **ABOUT THE DEPARTMENT**

The Department believes in engaging students with simulating Project assignments, college educational fests, Annual educational trips, Guest lectures, economic conferences as the modes of learning. To provide the students access to the diverse Economic literature, the Department also has a Library with over 150 books. The possible career options after studying Economics include Central and State Public Services, Indian Economic Services, Financial Risk Analyst, Data Analyst, Investment Analyst, Actuary, Banking Jobs, Lectureship, Researcher with research organizations such as Indian Council for Research on International Economic Relations, National Council of Applied Economic Research(NCAER), Institute of Economic Research, Indian Council of Social Sciences Research (ICSSR), among others.

### **VISION**

The department is committed to the advancement of knowledge and learning among the students of economics especially today's young women. The curriculum helps them to think critically and develop the decision making ability to become productive and informed citizens.

### **MISSION**

Our aim is to enable students to develop a capacity to think like an economist which involves a chain of deductive reasoning, identifying and evaluating tradeoffs in the context of constraints. Department offers educational opportunity to the students in order to prepare them to become accomplished citizens and professionals.

### **COURSES OFFERED**

Department of Economics offers the following courses:

- B.A.(Honours) Economics
- Economics as an optional subject in B.A.(Pass course)
- Diploma in Sustainable Development
- Vocational Course-Statistical Package for the Social Sciences(SPSS)

### **UNDERGRADUATE LEVEL**

#### **(Examination Scheme)**

Each Paper is of 100 marks, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

## NOMENCLATURE OF COURSE

### 1. Economics for B.A. (Pass Course)

SEMESTER I- ECO 101: Microeconomics- I,  
ECO 102: Quantitative Techniques/Economic Thought

SEMESTER II- ECO 201: Microeconomics - II,  
ECO 202: Statistics

SEMESTER III- ECO 301 Macroeconomics- I,  
ECO 302: Indian Economy- I

SEMESTER IV- ECO 401: Macroeconomics - II,  
ECO 402: Indian Economy - II

SEMESTER V- ECO 501 Public finance,  
ECO 502: International economics

SEMESTER VI- ECO 601: Money and Banking,  
ECO 602: Rajasthan Economy

### 2. B.A. (Economics Honours)

SEMESTER I- ECOH 101: Microeconomics- I, ECOH  
102: Economic Thought, ECOH 103: Indian Economy-  
I, ECOH 104: Quantitative Techniques and Statistical  
Methods-I

SEMESTER II- ECOH 201: Microeconomics - II,  
ECOH 202: Environmental Economics, ECOH 203:  
Indian Economy-II, ECOH 204: Quantitative  
Techniques And Statistical Methods - II

SEMESTER III- ECOH - 301: Development  
Economics - I, ECOH - 302: International Economics –  
I, ECOH - 303: Public Finance – I, ECOH - 304:  
Macroeconomics - I

SEMESTER IV- ECOH - 401: Development  
Economics - II, ECOH - 402: International Economics  
– II, ECOH - 403: Public Finance – II, ECOH - 404:  
Macroeconomics - II

SEMESTER V- ECOH - 501: Banking & Financial  
Markets - I, ECOH - 502: Introduction To  
Econometrics, ECOH - 503: Mathematical Economics  
– I, ECOH - 504: Computer and Its Applications

SEMESTER VI- ECOH - 601: Banking & Financial  
Markets - II, ECOH - 602: Field Survey/Project Work,  
ECOH - 603: Mathematical Economics – II, ECOH -  
604: Data Analysis Through- SPSS & Eviews

### FORUM: "ARTH-NITI"

'ARTH-NITI' is the Economics forum which aims to  
create a formal network for the community of youthful  
Economists and develop a better understanding of the  
present economic structure of the country. To develop



the enthusiasm among students regarding research and  
boost the spirit of enquiry among them. The  
Department organizes a National Conference, Field  
Visit, Surveys, Internships, Student and Faculty  
Exchange Programmes round the year. Various  
Informative Talks, Workshops and Lectures are  
organized by the department to make students aware of  
various economic aspects and current economic issues.  
To keep the fun alive Eco-fest was also organised by the  
department which displays a holistic combination of  
excellence in academics and extracurricular activities  
together. Under its Outreach programme the Forum  
plans visits to North East , Goa, Andhra Pradesh and  
various other parts of the country to gain an in-depth  
knowledge of the economic status of the country.



## DEPARTMENT OF GEOGRAPHY

### ABOUT THE DEPARTMENT:

The Department of Geography envisions helping students to comprehend the relationships between people and their environments. The department aspires to grow to international standards committed to scholarly excellence in Geography and related fields. The department aspires towards building its reputation in the areas of mapping science, earth science, urban and regional planning and environmental analysis and planning. It desires to bring to the fore the importance of a geographic perspective in preparing citizens for a globally competent world by cultivating love for the subject. The possible career options after studying Geography include Central and State Public Services, Lectureship, Remote Sensing, Urban and Regional Planning, Geospatial Analysis, Researcher among others.

### VISION

We envision to promote the advancement of integrated geographical knowledge with capacity of the earth and its people.

### MISSION

To provide dynamic leadership in teaching, research, consultancy and outreach services in geography and geo-informatics for the benefit of humanity and sustainable development.

### COURSES OFFERED

Department of Geography offers the following courses:

- PhD program in Geography
- M.A/M.Sc, Master of Science
- Geography as an optional subject in B.A. and as a subsidiary for B.A. English and Economic Honours
- Diploma in Yoga
- Diploma in GIS
- ISRO Sponsored EDUSAT Outreach Programmes

### UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks, of which :

Internal Assessment: 10 Marks

End Semester Examination: 40 Marks

### NOMENCLATURE OF COURSE:

SEMESTER I- GEO 101: Physical Geography - I, GEO 102: Geography of Rajasthan - I, GEO 103: Practical

SEMESTER II- GEO 201: Physical Geography - II, GEO 202: Human Geography, GEO 203: Practical

SEMESTER III- GEO 301: Economic Geography - I, GEO 302: Geography Of India - I, GEO 303: Practical

SEMESTER IV- GEO 401: Economic Geography - II, GEO 402: Geography Of India - II, GEO 403: Practical

SEMESTER V- GEO 501: Environment Geography - I, GEO 502: Regional Geography of The World - I, GEO 503: Practical

SEMESTER VI- GEO 601: Environment Geography - II, GEO 602: Regional Geography of The World - II, GEO 603: Practical

### POST GRADUATE LEVEL

*(Examination Scheme)*

**In Semester I, II and III** - Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester Examination: 70 Marks

One Practical each semester, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks

**In Semester IV**- Three theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester Examination: 70 Marks

One Practical and one dissertation, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks



## **NOMENCLATURE OF COURSE:**

### **MA/M.SC GEOGRAPHY**

SEMESTER I- GEOM 101: Geographical Thought, GEOM 102: Geomorphology, GEOM 103: Man and Natural Environment, GEOM 104: Political Geography, GEOM 105: Practical

SEMESTER II- GEOM 201: Climatology and Oceanography, GEOM 202: Economic Geography, GEOM 203: Geography of India, GEOM 204: Population Geography, GEOM 205: Practical

SEMESTER III- GEOM 301: a). Agricultural Geography; b). Transport Geography, GEOM 302: a). Industrial Geography; b). Bio Geography, GEOM 303: a). Urban Geography; b). Health Geography, GEOM 304: a). Social Geography; b). Cultural Geography, GEOM 305: Practical

SEMESTER IV- GEOM 401: Geography of South Asia, GEOM 402: a). Regional Development and Planning; b). Geography of Tourism Development, GEOM 403: a). Quantitative techniques in Geography; b). Natural Disaster Management, GEOM 404: Dissertation, GEOM 405: Practical

### **FORUM: "PRAKRITI"**

Prakriti aims to encourage students to appreciate the natural bounties, artistic realms of life and understand nuances of human life ranging from different cultures, gender differences, and multitude of race and in effect explore human resources. Various conferences,

seminars, workshops, educational tours, surveys, field visits, student and faculty exchange programs are conducted every year to understand Geography better.

## **DEPARTMENT OF HISTORY**

### **ABOUT THE DEPARTMENT**

The Department through its course and programme creates an opportunity for students to delve into the discipline of Indian, Regional and World History ranging from the Ancient to the Modern period. The Department aims to prepare Historians as problem solvers, researchers and Think Tanks to aid the society in interpreting various socio-economic and political issues both at national and international levels. The Department believes in engaging students with simulating Project assignments, Annual educational trips, Guest lectures, History conferences and Movie screenings as modes of learning. To provide the students access to the diverse historical literature, the Department also has a Library with over 100 books. The possible career options after studying History include Central and State Public Services, Lectureship, Archaeologist, Museum Curator, Archivist, Travel and Tourism Expert, Journalism, Researcher with historical research organizations such as Indian Council of Historical Research (ICHR) and Indian Council of Social Sciences Research (ICSSR), among others.

### **VISION**

The Department of History is dedicated to a secular interpretation of History whether international, national or regional using analytical as well as analogical reconstruction of the past. The approach is interdisciplinary in keeping with the lines by E H Carr



(1892-1982) – “History is an unending dialogue between the past and the present.”

### **MISSION**

The Department intends to promote self understanding and proper conception of time, space and society in the students. It aims to nurture students into proactive citizens who are able to critically assess the values and achievements of their age and resolve the controversial contemporary issues.

### **PROGRAMMES AND COURSES OFFERED**

Department of History offers the following Programmes and Courses;

- Optional Subject History for B.A. (Pass Course)
- M.A. (Modern Indian History)
- Vocational Course (for III year students): Short Films and Documentaries

### **UNDERGRADUATE LEVEL**

#### ***(Examination Scheme)***

Two Theory papers each semester: 100 mark each, of which;

Internal Assessment: 30 Marks and End Semester Examination: 70 Marks

### **NOMENCLATURE OF COURSE:**

SEMESTER I- HIS 101: History Of Ancient India- I,

HIS 102: History Of Indian Culture And Heritage- I

SEMESTER II- HIS 201: History Of Ancient India- II,

HIS 202: History Of Indian Culture And Heritage- II

SEMESTER III- HIS 301: History Of Medieval India- I,

HIS 302: History Of Rajasthan- I

SEMESTER IV- HIS 401: History Of Medieval India- II,

HIS 402: History Of Rajasthan- II

SEMESTER V- HIS 501: History Of Modern India- I,

HIS 502: History Of Modern World- I

SEMESTER VI- HIS 601: History Of Modern India- II,

HIS 602: History Of Modern World- II

### **POSTGRADUATE LEVEL *(Examination Scheme)***

#### **In Semester I and II:-**

Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester

External Examination: 70 Marks

#### **In Semester III and IV:-**

Five theory papers in Semester III and Four theory papers in Semester IV of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester

External Examination: 70 Marks

In Semester IV, One paper 'Research Methodology & Dissertation', of which:

Internal Assessment: 30 Marks and Dissertation: 70 Marks (50 marks: Dissertation + 20 marks: Viva)

### **NOMENCLATURE OF COURSE:**

#### **M.A. (Modern Indian History)**

SEMESTER I: HISM-101: Historical Methods and Historiography-I,

HISM-102: Historical Tourism and Culture with Special Reference to Rajasthan, HISM-103: Women's Movements- India and the World, HISM-104: World Civilizations

SEMESTER II: HISM-201: Historical Methods and Historiography- II,

HISM-202: Medieval World, HISM-203: Post War World History- 1945-2000, HISM-204: Nationalism: Theory and Practice

SEMESTER III: HISM-301: Making of British India: Expansion and Strategies of Control, HISM-302: Economic History of Modern India- 1757-1947, HISM-303: Environmental History of Modern India : 1800 - 2000, HISM 304: History of Health and Medicine in Colonial India (1800-1950), HISM-305: Indian Nationalism : 1860-1914

SEMESTER IV: HISM-401: Indian Nationalism: 1917-1949, HISM-402: Modern and Political Thoughts of Mahatma Gandhi, HISM-403: Political History of Contemporary India: 1950-2000, HISM-404: History of Indian Cinema and Social Realities, HISM-405: Research Methodology & Dissertation

#### **FORUM: "KHANQAH"**

'Khanqah' is the History forum which aims to create a formal network for the community of Historians and develop a better understanding of the present socio-economic and political problems afflicting the country. The Forum also aims to break the popular misconceptions and stereotypes by an unbiased reading of the historical events. The Forum undertakes Annual educational trips each year to places of historical significance like Jodhpur, Udaipur, Fatehpur Sikri, Agra, Bharatpur, to promote learning of and sensitivity towards Indian heritage culture. The Forum in association with 'Lyceum', the Forum of the Department of Political Science organizes regular talks



on India-Foreign relations. Students are also taken to academic conferences such as the 'Rajasthan History Congress' each year, in order to encourage acumen for research in History.

## **DEPARTMENT OF HOME SCIENCE**

### **ABOUT THE DEPARTMENT**

Home Science is a combination of science and arts that includes all the things that concern the person, home, family members and resources. It is the education for 'better living' and the core of this education is the family ecosystem. The Department aims at teaching the students how to deal with reciprocal relations between the family and its natural and man-made environments. The study of Home Science aims at getting maximum satisfaction for the person and their family members through the efficient and scientific use of their resources. It gives the person all the knowledge of the scientific procedures involved in making a home beautiful. Home science integrates the application of various sciences and humanities to improve human environment, family nutrition, management of resources and child development. The vision of our Department is to train young girls to build up ideal families and be change makers. The course aims to empower and uplift women through excellence in education in rural and urban areas. The subject prepares the students to develop values, emotions and skills to promote personal, family and social responsibilities. The department of Home Science also encourages and inculcates the skills of entrepreneurship among

students.

### VISION

The course aims to empower and uplift women through excellence in education. The subject prepares the students to develop values, emotions and skills to promote their personal, family and social responsibilities.

### MISSION

The Department aims to discover the changing needs of individuals and families. The subject tries to develop wholesome personality of the students by unifying their knowledge through the related science and arts disciplines. It trains the students in skills for employment and entrepreneurship.

### COURSES OFFERED

The Department of Home Science offers the following courses:

- Optional Subject in B.A (Pass Course)
- Vocational Courses: Food Preservation, Baking and Confectionery
- Diploma: Dyeing and Printing

### UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 75 Marks each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks each, of which:

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

### NOMENCLATURE OF COURSE:

SEMESTER I- H.Sc.101- Human Physiology I, H.Sc.102- Introduction to Textiles, H.Sc.103- Home Nursing Practical

SEMESTER II- H.Sc.201- Human Physiology II, H.Sc.202- Textiles and Apparel Designing, H.Sc.203- Textile Care and Clothing Construction Practical

SEMESTER III- H.Sc.301- Introduction to Human Development, H.Sc.302- Extension Education and Communication, H.Sc.303- Human development & preparation of Audio Visual Aids

SEMESTER IV- H.Sc.401- Life span Development, H.Sc.402- Fundamentals of Foods and Nutrition, H.Sc.403- Basic Food preparation practical

SEMESTER V- H.Sc.501- Nutritional Management in Health and Disease, H.Sc.502- Family Resource Management, H.Sc.503- Meal management practical

SEMESTER VI- H.Sc.601- Extension Education and Family Welfare, H.Sc.602- Housing and Interior Designing, H.Sc.603- Housing and Interior Space Designing Practical

### FORUM: "AASHIYA"

The Home Science Forum aims to discover, share and cultivate the hidden potential of Sophians in domestic sciences ranging from understanding international nutrition standards to going on industrial visits. This forum is the perfect way to bridge the difference between theory and practical knowledge. Some of the activities the forum performs are educational trips, field trips out of Ajmer, Representation at district level- Nukkad Natak, Nutrition fest. This gives the students the platform of confidence to perform and showcase their talents.



## DEPARTMENT OF PHYSICAL EDUCATION

### ABOUT THE DEPARTMENT:

The Department of Physical Education aims at providing an in-depth knowledge and understanding of the key elements of sports, exercise, health and physical education activity from the perspective of the science. Throughout the program, students will learn the science behind the effective performance in physical activity and sports. The Department aims to create awareness about healthy and active lifestyle and provide an opportunity to inculcate leadership, teamwork and social qualities among the players. Possible career options for graduates in Physical Education include Sports Psychology, Physical Education Teachers and Lecturers, Coaches, Sports Nutritionist, Physical Therapists and Researchers.

The Department plays an pivotal role in organizing the Sports events of the College like Inter Collegiate Women's Tournament, West Zone Inter University 'Intramural' games. Students also represent the College in various other sports events like Cricket, Boxing,

Lawn Tennis, Athletics. The Department also encourages holistic development by giving opportunities to students to attend and present Papers at various National Conferences on Physical Education & Sports Sciences.

### VISION

Department of Physical Education will educate students about motor skills for performing variety of physical activities as well as providing awareness about their own health issues and prepares innovative professionals for service at regional and global levels.

### MISSION:

Department of Physical Education is dedicated to and focuses on the wholesome development of the students' physical, mental, and intellectual health and also in providing high quality education for the students.

### PROGRAMME AND COURSES OFFERED:

- Optional Subject "Physical Education" for B.A. (Pass Course) and as Subsidiary Subject for B.A. (Hons.) English and Economics
- Health and Well-Being courses



## UNDERGRADUATE LEVEL

### *(Examination Scheme)*

Two Theory papers each semester; 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

### **NOMENCLATURE OF COURSE:**

Optional Subject "Physical Education" for B.A. (Pass Course) and as Subsidiary Subject for B.A. (Hons.) English and Economics

SEMESTER I: PED 101: Foundation & History of Physical Education, PED 102: Anatomy, PED 103: Practical

SEMESTER II: PED 201: Health Education, Hygiene & Yoga, PED 202: Physiology & Exercise Physiology, Practical Papers, PED 203: Practical

SEMESTER III: PED 301: Sports Biomechanics & Kinesiology, PED 302: Sports Management, PED 303: Practical

SEMESTER IV: PED 401: Sports Nutrition, PED 402: Sports Psychology, PED 403: Practical

SEMESTER V: PED 501: Sports Injuries and Rehabilitation, PED 502: Sports Training, PED 503: Practical

SEMESTER VI: PED- 601: Research Methodology, PED 602: Test, Measurement & Evaluation in Physical Education, PED 603: Practical



## DEPARTMENT OF POLITICAL SCIENCE

### ABOUT THE DEPARTMENT

The purpose of a course in Political Science is to deepen our knowledge and understanding of one of the most powerful forces operating people, communities and corporations today', namely governments and politics around the world.

Politics affects virtually every aspect of our lives, including the availability of education, jobs, housing and healthcare. Whether countries are at war or at peace depends both on what governments do and who supports them. A Bachelor's degree in Political Science can lead to exciting careers in Central, State and local government, law, business, international organizations, non-profit associations and organizations, campaign management and polling, journalism, pre-collegiate education, electoral politics, research, university and college teaching and applied politics.

Political Science majors gain analytical skills, administrative competence and communication abilities that are valued in a wide spectrum of potential career areas.

### VISION

To help students understand, interpret, explain and critically assess events, patterns and structures of politics, governments and society.

### MISSION

To help students deepen their knowledge and understanding of governments and politics around the world and to explore both 'who' and 'how' of politics, develop evaluative skills, analytical reasoning, critical argumentation, along with quantitative and qualitative reasoning.

### COURSES OFFERED

Department of Political Science offers the following courses:

- M.A. (Political Science)
- Political Science as an optional subject in B.A. and as a subsidiary for B.A. English and Economic Honours.
- Generic Course on Human Rights for Post Graduate Students.
- Vocational Course( For III years) on Human Rights



### UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 100 mark each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

### NOMENCLATURE OF COURSE:

**Political Science as an optional subject in B.A. and as a subsidiary for B.A. English and Economic Honours.**

SEMESTER I- POL.SC. 101: Political Theory I, POL.SC.102: Indian Political Thought -I

SEMESTER II- POL.SC. 201: Political Theory II, POL.SC. 202: Indian Political Thought-II

SEMESTER III- POL.SC. 301: Comparative Government and Politics - I, POL.SC. 302: Indian Political System-I

SEMESTER IV- POL.SC. 401: Comparative Government and Politics - II, POL.SC. 402: Indian Political System- II

SEMESTER V- POL.SC. 501: Western Political Thought -I, POL.SC. 502: International Relations -I

SEMESTER VI- POL.SC. 601: Western Political Thought -II, POL.SC. 602: International Relations -II.

### POSTGRADUATE LEVEL *(Examination Scheme)*

#### **In Semester I and II:-**

Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks

#### **In Semester III and IV:-**

Five theory papers in Semester III and Four theory papers in Semester IV of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks

In Semester IV- Dissertation

Internal Assessment: 30 Marks External Evaluation of Dissertation: 70 Marks



## **NOMENCLATURE OF COURSE**

### **M.A. (Political Science)**

SEMESTER I- POL.SCM 101: Political Thought I, POL.SCM 102: Public Administration -I, POL.SCM. 103: Comparative Government and Politics - I , POL.SCM 104: International Relations-I

SEMESTER II- POL.SCM 201: Political Thought- II, POL.SCM 202: Public Administration- II, POL.SCM. 203: Comparative Government and Politics- II, POL.SCM 204: International Relations - II

SEMESTER III- POL.SCM 301: Indian Political System- I, POL.SCM 302: Political Ideologies and Concepts - I, POL.SCM 303: Indian Foreign Policy - I, POL.SCM 304: Political Thought- I, POL.SCM 305: Research Methodology.

SEMESTER IV- POL.SCM 401: Indian Political

System - II , POL.SCM 402: Political Ideologies and Concepts - II, POL.SCM 403: Indian Foreign Policy - II, POL.SCM 404: Political Thought- II, POL.SCM 405: Dissertation.

### **FORUM: LYCEUM**

The forum is named after the academy founded by Aristotle. The main aim of the forum is to provide a platform for the students of Political Science to voice their views and opinions as well as discuss issues of political, social and economic importance which affect the individual, the state and the world. The forum helps students to develop general awareness and showcase their oratory, writing and acting skills in various competitions like Quiz, Nukkad Natak, Elocution, Extempore, Declamation and Paper Presentations. Visits to Government Institutions are also organised by the department to give students a fair idea of how our country works.

## DEPARTMENT OF PSYCHOLOGY

### ABOUT THE DEPARTMENT:

The Department of Psychology seeks to develop future psychologists, counsellors, researchers and social workers by providing students the knowledge, understanding, training and field experience in the subject. The students develop empathic understanding, sensitivity, motivation and skills involved in assisting and caring for other human beings. The Department believes in aiding individual to make changes in their own self by understanding the concepts of Psychology. Regular interactive sessions and internship with psychologists are organised to help them understand the subject.

### VISION

The Department of Psychology aims to enhance the personality of the students by inculcating behavioural skills for their holistic development. The goal is to provide a platform for future health professionals.

### MISSION

The Department seeks to advance the creation, communication and the application of psychological knowledge to benefit society and improve people's lives. The students are provided with an enriching theoretical and practical curriculum to help them master the tools, techniques and methodologies of the subject.

### COURSES OFFERED

Department of Psychology offers the following courses:

- Psychology as an optional subject in B.A. and as a subsidiary for B.A. English and Economic Honours
- Vocational Course in Personality Development

### UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

### NOMENCLATURE OF COURSE:

**Psychology as an optional subject in B.A. and as a subsidiary for B.A. English and Economic Honours**

SEMESTER I- PSY 101: Basic Psychological Processes- I, PSY 102: Social Psychology- I, PSY 103: Practical

SEMESTER II- PSY 201: Basic Psychological Processes- II, PSY 202: Social Psychology- II, PSY 203: Practical

SEMESTER III- PSY 301: Statistics In Psychology - I, PSY 302: Psychological Assessment, PSY 303: Practical

SEMESTER IV- PSY 401: Statistics In Psychology - II, PSY 402: Research Methodology, PSY 403: Practical

SEMESTER V- PSY 501: Abnormal Psychology - I, PSY 502: Organizational Behavior - I, PSY 503: Practical

SEMESTER VI- PSY 601: Abnormal Psychology - II, PSY 602: Organizational Behavior - II, PSY 603: Practical

### FORUM: "ANUBHUTI"

It aims at developing the personality of the students and deepening their understanding of the subject. It also aims at harbouring sensitivity and empathetic understanding among the students. The Forum undertakes Annual field visits to orphanages, old age homes, special school, NGOs and psychiatric wards of hospitals to promote a better understanding of practical aspect of the subject.



## DEPARTMENT OF SOCIOLOGY

### ABOUT THE DEPARTMENT

The Department is dedicated to understand Sociology as an independent discipline and its applicability in various social settings. It aims at promoting a sociological imagination which would prepare the students for further research and allow them to probe objectively and scientifically. The department endeavours to promote awareness about myriad social issues. Additionally, the vision is to make students responsible and functional members of the society and citizens of the global world. With new avenues opening up in the field of study the students are encouraged towards research oriented study. A student with a degree in sociology can become a Teacher/ Lecturer, Women and Child Protection officer, Parole officer, Civil servant, Urban Planner, Social worker, Social Justice officer, Industrial Sociologist, Lawyer, Policy maker or Public Relation officer.

### VISION

To encourage girl students to continue their higher education and to prepare them as functional members of the society. The department aims at identifying students with research aptitude and build research abilities which can be further used in Sociology as a discipline.

### MISSION

The department facilitates the students about understanding various social processes, latent concepts

and varying sociological perspectives in such a way that they are able to critically evaluate theories and models and are able to employ those theories in common practices.

### COURSES OFFERED

Department of Sociology offers the following courses:

- Optional Subject Sociology for B.A. (Pass Course) and as a subsidiary for B.A. English and Economics Honours
- M.A. (Sociology)
- Vocational Course (For II year) in Photography

### UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two theory papers each semester: 100 mark each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

### NOMENCLATURE OF COURSE:

**Optional Subject Sociology for B.A. (Pass Course)**

SEMESTER I- SOC 101: Introduction to Sociology- I,  
SOC 102: Indian Social System- I

SEMESTER II- SOC 201: Introduction to Sociology- II,  
SOC 202: Indian Social System- II

SEMESTER III- SOC 301: Social Research Methods- I,  
SOC 302: Social Problems in India- I

SEMESTER IV- SOC 401: Social Research Methods-





II, SOC 402: Social Problems in India II

SEMESTER V- SOC 501: Masters of Sociological Thought-I, SOC 502: Social Anthropology- I

SEMESTER VI- SOC 601: Masters of Sociological Thought- II, SOC 602: Social Anthropology- II

**POSTGRADUATE LEVEL (Examination Scheme)**

**In semester I and II :** Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

**In semester III :** Five theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

**In semester IV:** Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

One 'Dissertation', of 100 marks, of which:

Internal Assessment: 30 Marks and Dissertation: 70 Marks.

### **NOMENCLATURE OF COURSE:**

#### **M.A. (Sociology)**

SEMESTER I- SOCM 101: Theoretical Perspectives in Sociology, SOCM 102: Research Methodology, SOCM 103: Indian Society, SOCM 104: Rural Sociology

SEMESTER II- SOCM 201: Sociological Theories, SOCM 202: Social Statistics, SOCM 203: Indian Society Issues and Challenges, SOCM 204: Rural Society in India

#### **FORUM: "SOCIUS"**

Socius or 'companion' as the name suggests, provides a general perspective to students to understand the social events that occur in day to day life yet remain passive. The forum enables the students to observe phenomena in a scientific and objective manner. It is also a platform for the students where they can actively participate and learn about their social surroundings through excursions, interactive surveys, talks and even interdisciplinary brain-storming sessions. The forum organises seminars and competitions to endow its students with the required knowledge and skills. The students are taken to various places round the State to do case studies and draw fruitful conclusions on the various aspects of society.





## DEPARTMENT OF HINDI

The department takes the responsibility of strongly holding to the roots of the country by strengthening its mother tongue. The department aims at establishing an order where literature enlightens its students about its country's experience with time. The creative genius of a great many writers is brought to life. The subject also opens a range of job opportunities and research programs in a world that pays heed to translation.

### VISION

To encourage the students to have a positive outlook towards their mother tongue and to be proficient in the language. The department also encourages its students to develop their communication skills which would help in their all round development. It also aims at inculcating moral values and educating them in the field of study so as to bestow them with various employment opportunities.

### MISSION

The aim of the department is to encourage students to take active interest in the subject and to strengthen the basic language skills. The department also aims at

imparting information in a manner that not only enhances academics and also helps them develop a viewpoint. Teaching and research are paid special attention for they form the basis of the contemporary education system.

### COURSE OFFERED

Department of Hindi offers the following course:

Optional Subject Hindi for B.A. (Pass Course)

Two theory papers each semester: 100 mark each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

### NOMENCLATURE OF COURSE:

SEMESTER I- HIN 101: Pracheen Kavya - I, HIN 102: Hindi Bhasha Ka Vikas

SEMESTER II- HIN 201: Pracheen Kavya- II, HIN 202: Hindi Sahitya Ka Itihaas

SEMESTER III- HIN 301: Ritikaleen Kavya- I, HIN 302: Hindi Nabandh

SEMESTER IV- HIN 401: -Ritikaleen Kavya II, HIN 402: Hindi Natak Avam Ekanki

SEMESTER V- HIN 501: - Aadhunik Kavya I, HIN 502: Katha Sahitya-Kahani

SEMESTER VI- HIN 601: Aadhunik kavya- II, HIN 602: -Katha Sahitya-Upanyas

### GYANODAYA

The forum aims at enlightening its students with knowledge and wisdom. It encourages them to take active interest in the subject for which it organises various creative writing and other language proficiency related competitions. The Annual Hindi Debate is the chief event of the forum. It also celebrates some prominent days throughout the year with an aim of strengthening the roots of the subject.



# FACULTY OF SCIENCE

## DEPARTMENT OF BOTANY

### ABOUT THE DEPARTMENT

Botany encompasses the study of plants which include trees, shrubs, herbs, grasses, mosses, algae. This branch of science helps to develop an understanding about the fundamental natural phenomena and processes of the plant life, classification and nomenclature of plant kingdom and also applied topics such as horticulture, agriculture and forestry. The main branches of the subject in the Bachelor Programme are Cytology, Plant reproduction, Plant morphology, Plant taxonomy, Plant Ecology and Plant anatomy and Economic botany. The possible career options after studying Botany includes Academic Journal Editor, Airport Wildlife Biologist, Aquatic Biologist, Biologist -- Department of the Army, Environmental Quality Analyst, Fish and Wildlife Technician, Medicinal Cannabis -- Chief Master Grower/Processor, Municipal Park Range, Wetland Scientist among others.

### VISION

To provide an inspiration to develop critical thinking relevant to botany.

### MISSION

The department aims to provide the best educational opportunities possible for students and to develop the understanding and appreciation of plants. The department also encourages the students for higher learning so that in the future we have botanists interested in growing plants and solving the practical problems like yield increase, fruiting and disease resistance.

### COURSES OFFERED

Department of Botany offers the following course:

- Optional Subject Botany for B.Sc. Biology
- Vocational Course (For III year): Alternative Medicines and Home Remedies

### UNDERGRADUATE LEVEL

#### *(Examination Scheme)*

Two Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks



## NOMENCLATURE OF COURSE:

Botany for B.Sc. Biology

SEMESTER I- BOT 101: Algae, Fungi and Lichens, BOT 102: Microbiology and Plant pathology, BOT 103: Practical

SEMESTER II- BOT 201: Bryophytes and Pteridophytes, BOT 202: Cell Biology, BOT 203: Practical

SEMESTER III- BOT 301: Anatomy of Angiosperms - I, BOT 302: Taxonomy of Angiosperms, BOT 303: Practical

SEMESTER IV- BOT 401: Diversity of Seed Plants, BOT 402: Reproduction in Flowering Plants, BOT 403: Practical

SEMESTER V- BOT 501: Plant Physiology and Metabolism BOT 502: Development and Utilization of Plants, BOT 503: Practical

SEMESTER VI- BOT 601: Plant Ecology, BOT 602: Genetics and Biotechnology of Plants, BOT 603: Practical.

## FORUM: "ORCHID"

'Orchid' the Botany forum organizes activities round the year to make students aware about the importance of the whole range of plant-like organisms such as algae, lichens, ferns, fungi, mosses along with actual plants. Educational Trips to promote research tendency among students are organized on a regular basis to places like NRCSS Tabiji and Saras-Dairy farms. Also various informative talks are conducted by the department on research Methodology and climate change awareness. Talks on career guidance are also conducted to help the students to introspect on the wide horizons of opportunities to pursue. To keep the fun alive the department also organizes picnics every year.



## DEPARTMENT OF ZOOLOGY

### ABOUT THE DEPARTMENT

Department of Zoology through its course helps students in understanding of the faunal diversity on our planet. Zoology is important to science and to the world because it safeguards wildlife and promotes conservation through programmes such as, natural rehabilitation, breeding of endangered and even flourishing animals, helping to create a precedence for the future generation. The main focus of the Bachelor programme is on Cell Biology, Genetics, Evolution, Ethology, Biostatistics, Applied Zoology, Ecology, Vertebrates, Immunology and Developmental Biology.

A graduate degree in Zoology opens a wide range of career opportunities in the field such as Teaching, Research, Forensics, Indian Forest Services, Indian Administrative Services, including working as zoo Curators, Museum curators, animal and wildlife educators, wildlife rehabilitators and conservationist to name a few.

### VISION

The department envisions not merely to promote excellence in Zoological studies but also to give women a threshold to scientific learning and research and application of this knowledge, to fulfill their social and economic needs.





## MISSION

To create an intellectually stimulating environment with critical thinking and analytical skills along with research and extension activities facilitating an understanding of practical skills and knowledge of applied aspects of Zoology to provide a conducive environment for self-employment. To develop an aptitude for observation and understanding of the rich Biodiversity and encourage the adoption of new approaches and scientific measures for the conservation of diversity and bio resources.

## COURSES OFFERED

Department of Zoology offers the following courses:

- Zoology as an optional subject in B.Sc. (Biology)
- Vocational Course(For II Year) on Basics in Birding

## UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

## NOMENCLATURE OF COURSE:

Zoology as an optional subject in B.Sc. (Biology)

SEMESTER I- ZOO 101: Invertebrates: Classification and Special Features, ZOO 102: Structure and Function of Invertebrates, ZOO 103: Practical

SEMESTER II- ZOO 201: Cell Biology, ZOO 202: Development Biology, GEO 203: Practical

SEMESTER III- ZOO 301: Classification, Structure and Special Features of Chordates, ZOO 302: Comparative Anatomy of Chordates, ZOO 303: Practical

SEMESTER IV- ZOO 401: Animal Physiology, ZOO 402: Genetics and Evolution, ZOO 403: Practical

SEMESTER V- ZOO 501: Molecular Biology, ZOO 502: Biochemistry and Ethology, ZOO 503: Practical

SEMESTER VI- ZOO 601: Immunology and Biotechnology, ZOO 602: Ecology and Biostatistics, ZOO 603: Practical.

## FORUM: FLORICANS

The Zoological forum aims to bring out the hidden potential and talents of the students. It encourages them to think out of the box by going beyond the syllabus and classroom atmosphere.

Its objective is to impart knowledge and to develop a love for the fauna around them by conducting activities which include excursions, jam sessions, quiz, field trip and surveys.

## DEPARTMENT OF CHEMISTRY

### ABOUT THE DEPARTMENT

The Department of Chemistry is a thriving centre for distinctive and scholastic excellence in chemical sciences. Inorganic Chemistry, Organic Chemistry and Physical Chemistry are the main branches of the subject. The Department provides a broad foundation in Chemistry which is of global relevance. The Department stresses scientific reasoning and analytical problem solving with molecular perspective. Knowledge of Chemistry is indispensable for the pursuit of any of the other sciences, it is needed in laboratories, Medicinal fields, farmlands and manufacturing processes. A degree in Chemistry helps one in becoming an Analytical Chemist, Chemical Engineer, Nanotechnologist, Pharmacologist, Toxicologist, Academician, Environmental Consultant. It provides sound theoretical and laboratory experience to the students, which helps to inculcate research orientation in them.

### VISION

The holistic development of female students into independent learners and to enable them to meet social, economic and cultural challenges to make our community nation and world a better place.

### MISSION

The endeavor of the department is to provide an intellectually stimulating environment for the

multifaceted growth of the students and to mentor the students and foster excellence in preparing knowledgeable and inquisitive learners in the field of chemistry.

### COURSES OFFERED

Department of Chemistry offers the following courses:

- M.Sc. Chemistry
- Optional Subject Chemistry for B.Sc. Biology and Maths
- Vocational Course (For II Years) in Soft Skills

### UNDERGRADUATE LEVEL

#### (Examination Scheme)

Two Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

### NOMENCLATURE OF COURSE:

Chemistry for B.Sc. Biology

SEMESTER I- CHE 101: Inorganic Chemistry, CHE 102: Organic Chemistry, CHE 103: Practical

SEMESTER II- CHE 201: Physical Chemistry, CHE 202: Organic Chemistry, CHE 203: Practical



SEMESTER III- CHE 301 Inorganic Chemistry, CHE 302: Organic Chemistry, CHE 303: Practical

SEMESTER IV- CHE 401: Physical Chemistry, CHE 402: Organic Chemistry, CHE 403: Practical

SEMESTER V- CHE 501 Inorganic Chemistry, CHE 502: Organic Chemistry, CHE 503: Practical

SEMESTER VI- CHE 601: Physical Chemistry, CHE 602: Organic Chemistry, CHE 603: Practical

#### **POSTGRADUATE LEVEL (Examination Scheme)**

Four theory papers of 100 mark each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

One Practical each semester, of which:

Internal Assessment: 30 Marks

End Semester External Examination: 70 Marks

#### **NOMENCLATURE OF COURSE:**

##### **M.Sc. Chemistry**

SEMESTER I- CHEM 101: Inorganic Chemistry, CHEM 102: Organic Reaction Mechanism-I, CHEM 103: Physical Chemistry –I, CHEM 104: Programming in Chemistry, CHEM 105: Practical

SEMESTER II- CHEM 201: Coordination Chemistry, CHEM 202: Organic Reaction Mechanism-II and Stereochemistry, CHEM 203: Physical Chemistry –II, CHEM 204: Group Theory and Spectroscopy, CHEM 205: Practical

##### **FORUM: "Catalyst"**

'Catalyst' is the Chemistry forum which aims to create a formal network for the community to understand that

#### **Chemistry is part of our everyday lives.**

Every material in existence is made up of matter — even our own bodies. Chemistry is involved in everything we do, from growing and cooking food to cleaning our homes and bodies, to launching a space shuttle. Chemistry is one of the physical sciences that helps us to describe and explain our world.

The forum organizes Seminars, Conferences, Expert lectures on a regular basis to keep the schedule of the department active and to motivate students towards scientific Research. Talks related to career opportunities in Chemistry are also organised in the department to make clear their paths after pursuing a degree in Chemistry. The Forum also organises Departmental picnics every year.

## **DEPARTMENT OF PHYSICS**

### **ABOUT THE DEPARTMENT**

Physics is the most fundamental discipline of science which deals with the combination of matter and energy. It is the science of nature which pertains to natural objects, it deals with the laws and properties of matter and the forces having an impact on matter. The Department believes in "Learning by Doing". For the department of Physics not just the scientific but also the social and moral values play an equal importance. Department aims to establish itself as an educational and scientific centre of excellence for research.

The main sub disciplines of Physics taught in the Undergraduate course are –Thermodynamics, Mechanics, Statistical Mechanics, Electromagnetism, Electronics, Waves and Oscillation Optics, Advanced Quantum, Solid state Physics and Nuclear physics.



## VISION

The Department of Physics aims at creating a seat of excellence, where education is a blend of scientific learning, social and moral development.

## MISSION

To clear the fundamentals of Physics so that students can cope up with today scenario and to impart theoretical learning and encourage experimental research.

## COURSES OFFERED

Department of Physics offers the following courses:

- Physics as a subject in B.Sc.(Mathematics).
- Vocational Course(for II Years) in Creative Craft.

## UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

## NOMENCLATURE OF COURSE:

Physics as a subject in B.Sc.(Mathematics)

SEMESTER I- PHY 101: Mechanics, PHY 102: Electromagnetism, PHY 103: Practical

SEMESTER II- PHY 201: Kinetic Theory of gases and Theory of Relativity, PHY 202: Waves and Oscillations, PHY 203: Practical

SEMESTER III- PHY 301: Electronics - I, PHY 302: Thermodynamics and Statistical Physics, PHY 303: Practical

SEMESTER IV- PHY 401: Optics, PHY 402: Electronics-II, PHY 403: Practical

SEMESTER V- PHY 501: Solid State Physics, PHY 502: Quantum Mechanics, PHY 503: Practical

SEMESTER VI- PHY 601: Nuclear Physics, PHY 602: Atomic and Molecular Physics, PHY 603: Practical.

## DEPARTMENT OF MATHEMATICS

### ABOUT THE DEPARTMENT

Mathematics is the cradle of all creations as it nurtures reasoning, critical thinking and problem solving ability. Mathematics is essential in many fields including Natural Sciences, Engineering, Medicine, Finance and Social Sciences. Principal topics of the title subject are Calculus, Arithmetic, Algebra, Geometry, Mechanics, Statistics and Differential equations. The graduates are expected to have a fundamental knowledge and the ability to develop research aptitude in their respective fields. After studying Mathematics, graduates can pursue careers as Operation research Analyst, Teaching, Data Analyst, Banking and as a Researcher with Indian Space Research Organisation (ISRO), Defence Research and Development Organisation (DRDO), National Aeronautic Limited (NAL) and Society for Electronic Transaction and Security (SETS). We provide guidance and inspiration to our students.

### VISION

Our vision for the students of Mathematics is to provide a curriculum that enables them to compete professionally.

### MISSION

The Department of Mathematics aims to provide the latest and quality education. It envisions to prepare future mathematicians.

### PROGRAMMES AND COURSES OFFERED

- B.Sc. Mathematics
- Optional Subject in B.A. (Pass Course) and Subsidiary Subject in B.A. Economics (Honours)
- Vocational Course (For II year) Dyeing and Printing

## UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two Theory papers each semester: 100 mark each, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks



### **NOMENCLATURE OF THE COURSE**

SEMESTER I: MAT -101: Matrices, MAT-102: Algebra

SEMESTER II: MAT - 201: Vector Calculus & Geometry, MAT -202: Calculus

SEMESTER III: MAT -301-Linear Algebra, MAT-302- Differential Equations

SEMESTER IV: MAT -401: Real Analysis, MAT-402: Mechanics

SEMESTER V: MAT- 501: Metric Space & Complex Analysis, MAT- 502: Linear Programming

SEMESTER VI: MAT- 601: Statistics, MAT-602: Numerical Analysis

### **KALAM- THE SCIENCE FORUM**

The Department strongly believes in activity based learning and in sync with this belief organizes Seminars, Quiz competition and Group Discussions for the students of Physics and Mathematics. Inspired by the ideas of Dr. A.P.J Abdul Kalam, this Forum helps students develop a vision for the future. The activities help the students enhance their creativity, presentation and life skills.

## FACULTY OF COMMERCE

The Commerce program aims to prepare the students to select their professional career from various current avenues. The Bachelor of Commerce is a career-oriented undergraduate degree which provides a foundation in all aspects of commerce. The three year B.Com degree programme is divided into six semesters. This prepares the graduates for a wide range of careers in the business world. The Program develops competency in students to pursue higher level programmes such as CA, CWA, CS, MBA or other Masters' Programmes in Commerce and Management. It also enhances practical knowledge and employability as auditors and tax practitioners. Students also have an opportunity to hone their skills through real-time competitions, projects and internship. Some of the career options include accounting, marketing and advertising, business management, business development, banking, management consulting, economic analysis, financial planning, foreign affairs, fund management, international business and trade analysis, government administration, policy formulation, portfolio management in private and public sectors.



## DEPARTMENT OF ACCOUNTS & FINANCE

### VISION

To be a department of academic excellence with total commitment to quality education in Accounts, Finance and related fields with a holistic concern for better life, environment and society.

### MISSION

Empowering students with all the knowledge and guidance that they need to become worthy accounting professionals and providing for overall and value based development of students which ultimately enhances their employability.

### COURSES OFFERED:

- **Optional Subject in B.Com**
- **Optional Subject in B.Com Honours**
- **M.Com ABST**

### UNDERGRADUATE LEVEL

*(Examination Scheme)*

Two papers each semester; 100 mark each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

### NOMENCLATURE OF COURSE:

SEMESTER I- B.COM 101: Cost Accounting-I,  
B.COM 102: Business Statistics-I

SEMESTER II- B.COM 201: Cost Accounting-II,  
B.COM 202: Business Statistics-II

SEMESTER III- B.COM 301: Corporate Accounting-I,  
B.COM 302: Financial Accounting

SEMESTER IV- B.COM 401: Corporate Accounting-II,  
B.COM 402: Cost Analysis for Decision Making

SEMESTER V- B.COM 501: Income Tax Law-I,  
B.COM 502: Investment Management

SEMESTER VI- B.COM 601: Income Tax Law-II,  
B.COM 602: Indirect Taxes.

### B.COM HONOURS

### VISION

To be a centre for excellence and globally competitive in the core areas of Accounting and Finance.

## MISSION

To be involved in consultancy services in the areas of Accounting, Finance and Taxation. The department actively focuses on summer internship and industrial training to make the students employable.

Six papers each semester: 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

## NOMENCLATURE OF COURSE:

SEMESTER I- BCOMH 101: Cost Accounting, BCOMH 102: Financial Mathematics, BCOMH 103: Financial Accounting, BCOMH 104: Micro Economics, BCOMH 105: Business Law, BCOMH 106: Business Correspondence and Reporting

SEMESTER II- BCOMH 201: Advanced Accountancy, BCOMH 202: Business Statistics, BCOMH 203: Strategic Financial Management, BCOMH 204: Macro Economics, BCOMH 205: Indian Financial System, BCOMH 206: Principles of Management

## M.COM (A.B.S.T) - ACCOUNTS AND FINANCE

This programme is of a Two year duration comprising of four semesters. It aims to prepare the students to select their professional career from various current avenues. It also enhances practical knowledge and employability through real-time competitions, projects and internships. The main objective of this programme is to equip the students with necessary conceptual, entrepreneurial and analytical skills required for handling Business Operations in the Corporate sector. It also prepares post graduates for a wide range of careers in the business world.

**In semester I and II :** Four papers of 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

**In semester III :** Five papers of 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

**In semester IV:** Four papers of 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

One dissertation of 100 marks

## NOMENCLATURE OF COURSE:

SEMESTER I- M.COM 1.1: Management Accounting-I, M.COM 1.2: Business Research Methods, M.COM 1.3: Advanced Accountancy-I, M.COM 1.4: Cost Management

SEMESTER II- M.COM 2.1: Advanced Business Statistics, M.COM 2.2: Security Analysis and Portfolio Management, M.COM 2.3: Advance Accountancy-II, M.COM 2.4: Auditing and Assurance

SEMESTER III- M.COM 3.1: Direct Taxes Law & Practices, M.COM 3.2: Advanced Cost Accounting, M.COM 3.3: Operational Research , M.COM 3.4: Management & Operational Audit, M.COM 3.5: Project Management

SEMESTER IV- M.COM 4.1: Indirect Taxes, M.COM 4.2: Tax Planning & Management, M.COM 4.3: Financial Derivatives, M.COM 4.4: Management of Financial Services, M.COM 4.5: Dissertation

## DEPARTMENT OF BANKING AND FINANCIAL MANAGEMENT

### VISION

The department aims to provide educational courses of high quality in the domain of Banking and Finance that consider the academic distinction proper to practical reality as a whole and to train and equip students with the basic tools of economic analysis.

### MISSION

The mission of the department of Banking and Financial Management is to upgrade and provide specialized knowledge of the Banking and Finance Sector and make them aware of the prevalent national and global economic conditions.

Two papers each semester: 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

## NOMENCLATURE OF COURSE:

SEMESTER I- B.COM 105: Economic Environment in India, B.COM 106: Business Economics

SEMESTER II- B.COM 205: Foreign Trade & Economy, B.COM 206: Production Function & Factor Pricing

SEMESTER III- B.COM 305: Financial Management, B.COM 306: Banking Law in India

SEMESTER IV- B.COM 405: Financial Analysis, B.COM 406: Banking Practice in India

SEMESTER V- B.COM 505: Project Planning, B.COM 506: Monetary & Financial System

SEMESTER VI- B.COM 605: Budgetary Control, B.COM 606: Banking and Financial Institutions.

## DEPARTMENT OF BUSINESS MANAGEMENT

### VISION

To be a front runner in providing holistic education to create visionary professionals and entrepreneurs enriched with innovation and leadership through an integration of teaching and learning, education and research and to foster an equitable and productive growth in a complex global society.

### MISSION

To provide a nurturing and motivating environment, to discover and channel the full potential of the students. To groom the youth to become a truly global personality; well equipped to deal with the modern business world and its challenges.

Two papers each semester: 100 marks each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 marks

### NOMENCLATURE OF COURSE:

SEMESTER I- B.COM 103: Business Law-I, B.COM 104: Principles of Management-I

SEMESTER II- B.COM 203: Business Law-II, B.COM 206: Principles of Management-II

SEMESTER III- B.COM 303: Company Law-I, B.COM 304: Fundamentals of Entrepreneurship-I

SEMESTER IV- B.COM 403: Company Law-II, B.COM 404: Fundamentals of Entrepreneurship-II

SEMESTER V- B.COM 503: Principles of Marketing-I, B.COM 504: Fundamentals of Insurance-I

SEMESTER VI- B.COM 603: Principles of Marketing-II, B.COM 604: Fundamentals of Insurance-II

### COMMERCIIUM- The Commerce Forum

The Commerce Forum orients the students to the requirements of various fields of commerce and strives to update the level of knowledge with the latest trends and current thought. It also helps the students to develop the skill of application with the help of various activities. The forum organises lectures, seminars, workshops and conferences for the intellectual development of the students. The students are provided exposure by taking them to visit banks and business outlets. Students are taken for outreach programmes to villages, orphanages and old age homes to meet and experience other parts of society. Educational trips form an important part of the all round development of the students, these short trips encourage learning through enjoyment. Students travel for exchange programmes across the country and learn by exchanging ideas and viewpoints.





## **FACULTY OF MANAGEMENT**

### **DEPARTMENT OF BACHELOR OF BUSINESS ADMINISTRATION**

#### **ABOUT THE DEPARTMENT:**

Department of Management aspires to educate and develop innovative, entrepreneurial and responsible business leaders, who change society for the better. The course is designed to provide management education and skills to those students who wish to become professionals or who aim to do post graduation in Management or Commerce. The objective of this course is to make the students familiar with different aspects of organizational functionality, human resource management, communication skills and various economical aspects. The course structure is a mixture of theoretical and practical knowledge. The possible career options after studying BBA are Human Resource Manager, Business Consultant, Marketing Manager, Finance Manager and Information Systems Manager among others.

#### **VISION**

The department endeavours to promote entrepreneurial culture and develop managerial, communication skills of the students to enable them to contribute to the development of the nation and society.

#### **MISSION**

The Department plans to impart professional education and learning in the field of management to develop professionalism and also to develop soft skills so as to increase employability of the students.

#### **COURSES OFFERED**

Department of Management offers the following courses:

- Bachelor of Business Administration
- Job oriented Vocational Course in Tally

#### **UNDERGRADUATE LEVEL (*Examination Scheme*)**

Five theory papers each semester: 100 mark each, of which:

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

One Practical each semester: 100 Mark

Internal Assessment: 30 Marks

End Semester Examination: 70 Marks

#### **NOMENCLATURE OF COURSE:**

SEMESTER I- BBA 101: Business Ethics, BBA 102: Business Statistics - I, BBA 103: Principles of Management, BBA 104: Quantitative techniques for Management, BBA 105: Basics of Accounting, BBA 106: Computers for Management Lab

SEMESTER II- BBA 201: Organization Behavior, BBA 202: Economics for Management, BBA 203: Environmental science and Management, BBA 204: Business Regulatory Framework, BBA 205: Sales And Advertising Management, BBA 206: Personality Development & General Awareness

SEMESTER III- BBA 301: Company Law, BBA 302: Cost Accounting, BBA 303: Business Statistics - II, BBA 304: Functional Management, BBA 305: Business Communication and Managerial Skills, BBA 306: Accounting Software Lab

SEMESTER IV- BBA 401: Advanced Company Law and Secretariat, BBA 402: Business Research, BBA 403: Purchase Management, BBA 404: Quality Management, BBA 405: Financial Management, BBA 406: Communications lab

SEMESTER V- BBA 501: Fundamentals of E-Commerce, BBA 502: Management Information System, BBA 503: Business Environment, BBA 504: Management Accounting, BBA 505: Industrial Relations and Industrial Law, BBA 506: Summer Training and Viva Voce

SEMESTER VI- BBA 601: Elective 1, BBA 602: Elective 2, BBA 603: Elective 3, BBA 604: Strategic Management, BBA 605: Contemporary issues in Management, BBA 606: Viva-Voce

### List of Electives:

A Student must pick electives from one group only

Group 1: Accounting

BBA-6011 -Business Taxation

BBA6021-Auditing

BBA6031 -Corporate Accounting

Group 2: Banking and Insurance

BBA6012 -Indian Banking System

BBA6022 -Principles and practice of Insurance

BBA6032 -Banks & Institutional Management

Group 3: International Business

BBA6013- International Business Management

BBA6023 -Export-Import Documentation

BBA6033 -International Business Environment

Group 4 : Tourism Management

BBA6014 -Tourism Industry

BBA6024 -Tourism products of India

BBA6034 -Travel Agency and Tour Operations

### FORUM: "SYNERGY"

The major objective of the forum is to provide a platform to the students of management to develop their communication, analytical and presentation skills through various management games and activities such as: Business Quiz, Industry Visit, Case-Study, Brainstorming Sessions, Group-Discussions, and Guest Lectures.





## FACULTY OF COMPUTER SCIENCE

### ABOUT THE DEPARTMENT

Information Technology has become pervasive and thus the Department has chosen to develop budding technocrats as per the need of time, society and nation. The Department continues to emphasize the pristine science that lies under the diverse aspects of computing; and thus envisions building its reputation as one of the leading under graduate and post graduate Computer Science programmes in the nation in the areas of computer professionals, web developers, software engineers, research associates, academicians and entrepreneurs. Possible career options for graduates and post-graduates in Computer Science includes Software Developer, Web Developer, System Engineer, Software Programmer, Software Consultant, Computer professionals in IT departments of government and public sector organizations and as Research Associates.

#### VISION:

The Department envisions to provide quality education that enhances intellectual capabilities and career opportunities in young women and moulding them into prolific and ethical individuals.

#### MISSION:

To create, share, and apply knowledge in Computer Science, including interdisciplinary areas that extend the scope of Computer Science and benefit humanity; to educate students to be successful, ethical, and effective problem-solvers and life-long learners who will contribute positively to the economic well-being of our region and nation and who are prepared to undertake complex 21st Century challenges facing the world.

#### PROGRAMMES AND COURSES OFFERED

- BCA- Bachelor Of Computer Applications
- Integrated BCA M.Sc Programme (4 years (3+1) Programme)
- M.Sc.(CS)-Masters in Computer Science
- Lateral M.Sc.(CS)- Masters in Computer Science (Lateral Entry) (1 year Programme)
- VCA- Optional Subject 'Vocational Computer Application' in B.A. and B.Com.(Pass Course) and B.Sc(Bio & Maths) and as Subsidiary Subject in B.A(Hons.) English and Economics.
- Diploma in 'Interior Designing'
- Vocational Course for III year students in 'Developing Mobile Applications'

(Examination Scheme)

Two Theory papers each semester: 75 mark each, of which:

End Semester Examination: 50 Marks

One Practical each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

2. For BCA- Bachelor Of Computer Applications and 'Integrated BCA M.Sc.' (4 years {3+1} Programme)

Six Theory papers each semester: 75 mark each, of which:

Internal Assessment: 25 Marks

**End Semester Examination: 50 Marks**

Three Practicals each semester: 50 Marks

Internal Assessment - 10 Marks

End Semester Examination: 40 Marks

• **Optional Subject 'Vocational Computer Application' in B.A. (Pass Course)/B.Com.(Pass Course)/ B.Sc.(Bio & Maths) and as Subsidiary Subject for B.A. (Hons.) English and Economics.**

SEMESTER I: VCA-101: Computer Fundamentals-I,  
VCA-102: PC Software - I, VCA - 103: Practical

SEMESTER II: VCA-201: Computer Fundamentals - II, VCA-202: PC Software - II, VCA-203: Practical

SEMESTER III: VCA-301: C++ Programming-I,  
VCA-302 Data Communication, VCA-303:  
Practical

SEMESTER IV: VCA-401:C++ Programming-II,  
VCA-402: Data Structure & Algorithm, VCA-403:  
Practical

SEMESTER V: VCA-501: Database Technologies - I,  
VCA-502: Website Development, VCA-503:  
Practical

SEMESTER VI: VCA-601: Database Technologies-II, VCA-602: Multimedia Technology, VCA-603: Practical



## • Bachelor Of Computer Applications (B.C.A)

SEMESTER I: BCA - 101: Computer Fundamentals  
BCA - 102: Management & Accounting - I, BCA - 103: Communication Skills, BCA - 104: PC Software - I, BCA - 105: Fundamentals of 'C' Programming - I, BCA - 106: Multimedia Basic - I, BCA - 107: Practical: Software - Laboratory, BCA - 108: Practical: Programme - Laboratory, BCA - 109: Practical: Multimedia - Laboratory

SEMESTER II: BCA - 201: Computer Fundamentals - II, BCA - 202: Management and Accounting - II, BCA - 203: Data Structure & Algorithm - I, BCA - 204: Software - II, BCA - 205: Fundamentals of 'C' Programming - II, BCA - 206: Multimedia Basic - II, BCA - 207: PC Software - Laboratory, BCA - 208: 'C' Programming - Laboratory, BCA - 209: Multimedia & DSA - Laboratory

SEMESTER III: BCA - 301: Data Structure & Algorithm - II, BCA - 302: Database Management Systems - I, BCA - 303: Data Communication and Networking, BCA - 304: Object Oriented Programme with C++, BCA - 305: Java Programming - I, BCA - 306: Computer Graphics - I, BCA - 307: Practical: C++ Programme Laboratory, BCA - 308: Practical: Java Programme Laboratory, BCA - 309: Practical: Computer Graphics Laboratory

SEMESTER IV: BCA - 401: Discrete Mathematics, BCA - 402: Operating System, BCA - 403: Programming in Python, BCA - 404: Database Management Systems - II, BCA - 405: Java Programme - II, BCA - 406: Computer Graphics - II, BCA - 407: Practical: DBMS Laboratory, BCA - 408: Practical: Java Programme Laboratory, BCA - 409: Practical: Computer Graphics Laboratory

SEMESTER V: BCA - 501: E Commerce, BCA - 502: Mobile Computing - I, BCA - 503: Open Source Operating System, BCA - 504: VB. Net Programming, BCA - 505: ADBMS, BCA - 506: Internet Tools & Website Development - I, BCA - 507: Practical: VB. Net Programme Laboratory, BCA - 508: Practical: ADBMS Laboratory, BCA - 509: Practical: Internet Tools & Website Development Laboratory

SEMESTER VI: BCA - 601: Software Engineering, BCA - 602: Mobile Computing - II, BCA - 603: Information Protection & Security, BCA - 604: C #



Programming, BCA - 605: Internet Tools & Website Development - II, BCA - 606: Project - (Internship), BCA - 607: Mobile Computing (Android) Laboratory, BCA - 608: C# Programming - Laboratory, BCA - 609: Practical: Internet Tools & Website Development Laboratory

## • Integrated BCA M.Sc Programme (4 years(3+1) Programme)

SEMESTER I: IBM - 101: Computer Fundamentals - I, IBM - 102: Management & Accounting - I, IBM - 103: Communication Skills, IBM - 104: PC Software - I, IBM - 105: Fundamentals of 'C' Programming - I, IBM - 106: Multimedia Basic - I, IBM - 107: Practical: PC Software - Laboratory, IBM - 108: Practical: 'C' Programme - Laboratory, IBM - 109: Practical: Multimedia - Laboratory

SEMESTER II: IBM - 201: Computer Fundamentals - II, IBM - 202: Management and Accounting - II, IBM - 203: Data Structure & Algorithm - I, IBM - 204: PC Software - II, IBM - 205: Fundamentals of 'C' Programming - II, IBM - 206: Multimedia Basic - II, IBM - 207: PC Software - Laboratory, IBM - 208: 'C' Programming - Laboratory, IBM - 209: Multimedia & DSA - Laboratory

SEMESTER III: IBM - 301: Data Structure & Algorithm - II, IBM - 302: Database Management Systems - I, IBM - 303: Data Communication & Networking, IBM - 304: Object Oriented Programme with C++, IBM - 305: Java Programming - I, IBM - 306: Computer Graphics - I, IBM - 307: Practical: C++ Programme Laboratory, IBM - 308: Practical: Java Programme Laboratory, IBM - 309: Practical: Computer Graphics Laboratory

SEMESTER IV: IBM – 401 Discrete Mathematics, IBM – 402 Operating System, IBM – 403 Programming in Python, IBM – 404 Database Management Systems - II, IBM – 405 Java Programme - II, IBM – 406 Computer Graphics - II, IBM – 407 Practical: DBMS Laboratory, IBM – 408 Practical: Java Programme Laboratory, IBM – 409 Practical: Python & Computer Graphics Laboratory

SEMESTER V: IBM – 501 E Commerce, IBM – 502 Mobile Computing - I, IBM – 503 Open Source Operating System, IBM – 504 VB. Net Programming, IBM – 505 ADBMS, IBM – 506 Internet Tools & Website Development - I, IBM – 507 Practical: VB. Net Programme Laboratory, IBM – 508 Practical: ADBMS Laboratory, IBM – 509 Practical: Internet Tools & Website Development Laboratory

SEMESTER VI: IBM – 601 Software Engineering, IBM – 602 Mobile Computing - II, IBM – 603 Information Protection & Security, IBM – 604 C # Programming, IBM – 605 Internet Tools & Website Development - II, IBM – 606 Project - (Internship), IBM – 607 Mobile Computing (Android) Laboratory, IBM – 608 C# Programming – Laboratory, IBM – 609 Practical: Internet Tools & Website Development Laboratory

## POSTGRADUATE LEVEL

(Examination Scheme)

### • Masters in Computer Science (M.Sc.)

In Semester I/II/III:

Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks

#### *Two Practicals of 50 marks each, of which:*

Internal Assessment: 15 Marks and End Semester External Examination: 35 Marks

In Semester IV:

Three Theory Papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks

#### *Two Practicals of 50 marks each, of which:*

Internal Assessment: 15 Marks and End Semester External Examination: 35 Marks

One Dissertation/Project of 100 marks, of which

Internal Assessment: 30 Marks and End Semester External Examination: 70 Marks



• **For Lateral Entry M.Sc. Computer Science:**

**Semester III:**

Four theory papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester

External Examination: 70 Marks

**Two Practical of 50 marks each, of which:**

Internal Assessment: 15 Marks and End Semester

External Examination: 35 Marks

**Semester IV:**

Three Theory Papers of 100 marks each, of which:

Internal Assessment: 30 Marks and End Semester

External Examination: 70 Marks

**Two Practicals of 50 marks each, of which:**

Internal Assessment: 15 Marks and End Semester

External Examination: 35 Marks

One Dissertation/Project of 100 marks, of which

Internal Assessment: 30 Marks and End Semester

External Examination: 70 Marks

**NOMENCLATURE OF THE COURSE**

**Masters in Computer Science (M.Sc.)**

SEMESTER I: MSC - 101: Computer Architecture, MSC - 102: Computer Communications & Networks, MSC - 103: Programming with 'C++', MSC - 104: Database Management System, MSC - 105: Computer Architecture & DBMS - Laboratory, MSC - 106: 'C++' Programming - Laboratory

SEMESTER II: MSC - 201: Compiler Design, MSC - 202: Operating System, MSC - 203: Programming in Visual Basic Net, MSC - 204: Computer Graphics, MSC - 205: Visual Basic.Net - Laboratory MSC - 206: Linux Shell Programming, Computer Graphics - Laboratory

SEMESTER III: MSC-301: Software Engineering MSC-302: Cloud Computing, MSC- 303: Data Warehouse & Mining, MSC 304: Advance Database Management System, MSC 305: Data Mining (WEKA)-Laboratory, MSC 306: ADBMS (Oracle) - Laboratory

SEMESTER IV: MSC - 401: Artificial Intelligence, MSC - 402: XML Technology, MSC - 403 Web Technology, MSC - 404 : Dissertation (Project), MSC - 405: XML Programming & AI Laboratory, MSC - 406: Web Technology (Java, JavaScript) Laboratory

**Lateral Entry M.Sc. Computer Science:**

SEMESTER III: LMSC – 301: Computer Architecture, LMSC – 302 Cloud Computing, LMSC – 303 Data Warehouse & Mining, LMSC – 304 XML Technology, LMSC – 305 : Data Warehouse & Mining (WEKA) – Laboratory, LMSC – 306: XML - Laboratory

SEMESTER IV: LMSC – 401: Compiler Design, LMSC – 402 Artificial Intelligence, LMSC – 403 Programming in Python , LMSC – 404 Dissertation (Project), LMSC – 405 Artificial Intelligence - Laboratory, LMSC – 406 Python - Laboratory

**DIPLOMA (Examination Scheme)**

**Course Duration: 60 contact hours**

Weightage-100 marks, of which :-

Practical-70 marks and Theory: 30 marks

**VOCATIONAL COURSE (Examination Scheme)**

Course duration- 30 Contact Hours

Weightage-100 marks, of which :-

Practical-70 marks and Theory: 30 marks

**FORUM: "SILICON"**

To keep pace with the fast changing IT scenario, the Department of Computer Science has evolved as a centre of excellence in the field of imparting IT knowledge. Experienced Staff coupled with the latest hardware has made the IT Forum popular with the students. The Department conducts National Seminars on pertinent topics related to IT and research and also hosted an 'IT week' where students got an opportunity to participate in PPT presentation, poster making, collage making competitions and a quiz. The Department holds regular 'Career Talks' to provide information regarding possible career options in the field and to hone the interview skills of students. As a retreat from the routine schedule, the Department also holds an annual picnic, each year.

## FEE STRUCTURE: ACADEMIC SESSION 2019-20

### Annual Fees

S No	Head	Amount
1	Admission	₹2500
2	Library & Reading Room	₹1750
3	Magazine/Newsletter	₹500
4	Games	₹800
5	Establishment	₹1000
6	Water & Electricity	₹1000
7	ERP (College Automation)	₹1000
8	Insurance	₹50
9	Internal Assessment	₹300
10	TC	₹100
11	EBF	₹500
12	Value added Course	₹1000
13	Research and Development	₹500
14	Clubs and Forums	₹500
	<b>Total</b>	<b>₹11,500</b>

• Ph.D (Geography) Annual Fee ₹10,000 / Per year

### Other Fee:

Alumni fee -	₹500/- (All 3rd year students)
Dissertation Fee	₹1000/- (All PG Semester IV students)
<b>Practical Fee (per year) (To be paid with Annual Fee)</b>	
1 Science -	₹1000/-
2 Arts -	₹500/- (Each Subject - Geography/Psychology/Home Science)
3 Physical Education-	₹1000/-
4 Computer Application (B.A./B.Sc./B.Com)	₹3000/-
5 B.A. Eco Hons-III (Computer Fee)	₹1000/-
6 BCA/Integrated BCA M.Sc. -	₹3000/-
7 M.A/M.Sc. (Geography)-	₹1000/-
8 M.Sc. (Chemistry)	₹2000/-
9 M.Sc. (CS) /M.Sc - (CS) Lateral Entry	₹3000/-

### Tuition Fee (Per Year)-2019 - 2020

S No	Course	Tuition Fee		
1	B.A./B.Sc./B.Com.	₹23,200/-	9	M.A. (Political Science) ₹25,000/-
2	B.A. Hons. (English/Economics)	₹26,400/-	10	M.A.(Sociology) ₹25,000/-
3	B.Com.(Hons.)	₹26,400/-	11	M.A.(History) ₹25,000/-
4	BBA	₹28,000/-	12	M.A. / M.Sc. (Geography) ₹25,000/-
5	BCA	₹33,000/-	13	M.Sc. (Chemistry) ₹25,000/-
6	Integrated B.C.A M.Sc. Programme	₹33,000/-	14	M.Sc. (Computer Science) ₹30,000/-
7	BLIS (Bachelor of Library Science)	₹10,000/-	15	M.Sc. Computer Science (Lateral Entry) ₹30,000/-
8	M.A. (English Literature)	₹25,000/-	16	M.Com. (ABST) ₹25,000/-

### Tuition Fee for the year to be paid in two Instalments:

1	I - Instalment	1st -15th September 2019
2	II - Instalment	1st -15th December 2019
3	Exam Fee (each semester)	₹2,000/-

End Semester Examination Fee will be charged at the time of paying Tuition Fees.

Annual Fee once deposited will not be refunded under any circumstances.

## EXPECTATIONS FROM THE STUDENTS

- College Hours: 8.00 a.m. to 4.00 p.m.
- All the students are expected to follow the class time-table strictly. Notifications regarding changes will be displayed on the notice board.
- Parents are urged to send their daughters to College on time after scheduled vacations. Overstay at home should not be encouraged after vacations.
- All such activities which are coercive and exploitive, like ragging are strictly prohibited. Indulgence in such practices can lead to rustication.
- Disobedience and debasement of ethical and cultural values may lead to disciplinary action.

USE OF MOBILE PHONE IN THE COLLEGE PREMISES IS STRICTLY BANNED. DEFAULTERS WILL BE FINED AND THE MOBILE PHONES WILL BE CONFISCATED.

### ASSEMBLY

- Attendance in College Assembly is compulsory. The assembly is organized by the members of the Students' Council for a duration of fifteen minutes. It unites the student community in prayer and all the important notifications and announcements are conveyed by the Principal to the students.

### AUTONOMOUS SCHEME

- Parents/Guardians must accompany their wards at the time of admission.
- All admissions are subject to the approval by the University.
- There will be a continuous, comprehensive evaluation of students.
- If a student has passed PG Previous (Privately), she will not get admission in the final as a regular student.
- Permission for admission to the Final Year Semester Examination will not be granted unless :
  - (a) A student has put in at least 75% attendance in each subject at the end of the semester as per the regulations of the College.
  - (b) A student gets at least the minimum pass marks in the examination conducted by the College as per the norms laid down by the College.

(c) The Principal is satisfied with the character and conduct of the student.

- Details of shortage of attendance will be notified from time to time and students are advised to be on the alert and inform their teachers in case of unavoidable circumstances.
- Decision taken by the Admission Committee will be treated as final.
- All the disputes are subject to Ajmer Jurisdiction only.

### ATTENDANCE

- 75% ATTENDANCE IS COMPULSORY FAILING WHICH STUDENTS WILL NOT BE PERMITTED TO APPEAR AS REGULAR CANDIDATES.
- In case of a prolonged absence, notification duly signed by a medical practitioner and parents / guardians should be counter signed by the Principal.
- The Group Teacher should be informed about the nature of leave taken.
- Long absence without intimation may lead to striking off of the name from the attendance register.
- Students found on the campus yet not attending classes may be withheld from appearing in the exam in case of shortage of attendance.
- Class tests and class assignments are a part of teaching methodology in this institution, therefore, the students are to appear for the same sincerely and regularly.
- All the students must be present for the Flag-hoisting on the 15th August and 26th January since they are National celebrations.

- Four marks per semester are allotted for attendance

### NOTICE BOARD

- Students should check the notice boards regularly and follow the instructions given by the College authorities.
- Various information regarding academic and co-curricular activities is regularly displayed on the Notice Boards.

### IDENTITY CARD

- It is compulsory for every student to have an identity card issued by the College which they should wear throughout their stay in College.
- The identity card is mandatory to get books issued from the library.

# GAMES AND SPORTS

## CHAMPIONS

The college has proved its supremacy in sports by winning the General championship of the Intercollegiate Tournaments for the past many years.



## HIGHLIGHTS

- 28 players participated in the West Zone Inter-university tournament and 2 players participated in the All India Inter University tournament.
- The College Basketball team won the Trophy for the 12<sup>th</sup> consecutive year
- The College Handball team won the Inter-Collegiate Trophy for the 2<sup>nd</sup> consecutive year.
- To promote basketball Sophia has a SAI Ext. Day Boarding Centre and it is running smoothly since the past 9 years.
- The College hosted the 32<sup>nd</sup> Inter-Collegiate tournament consecutively for the fifteenth time.

## STARALUMNI

### MS DEEPA MALIK-

First Indian Woman To Win A Medal In Paralympic Games. She is also the 'Clean India' brand ambassador for NMDC and expert consultant for this Disability Inclusive Accessible Infrastructure for the Ministry of Housing and Urban Affairs 'Smart Cities' project.



- ARJUN AWARD AND PADAMSHRI

## OUR SPORTSTARS

- **Kamlesh Taragi-** International Basketball Player. Represented India twice and also captained the Indian Team. She also represented the Rajasthan Team in the 69<sup>th</sup> Senior National Basketball championship.
- **Kanika Rajawat-** Represented the Rajasthan Team in the 69<sup>th</sup> Senior National Basketball



- **Bhavya Bhushan-** Gold Medal in the Shot Put at the Invitational Athletics Meet held at Delhi.
- **Mansi Pathak-** Won Silver in the International Karate tournament held at Thimphu, Bhutan. Represented Rajasthan in the National Karate Training Camp. Won a Gold medal in the State tournament in Kumite under 21 category.
- **Jyotsana Unnial-** Won a Bronze medal in the National karate tournament held at Rohtak.
- **Ayushi Joshi, Kamlesh Taragi, Anisha Rathore, Moomal Panwar & Catherine Alexander** won gold medals in the 3<sup>rd</sup> Senior National Tennis Cricket Tournament held at Chandravardai Stadium, Ajmer
- **Abhilasha Rathore** - Won a Bronze Medal in shooting 10mt. pistol at Karni Sports Shooting Academy, Ajmer.
- **Shivika Banerjee** - Represented the Rajasthan Team in the 63<sup>rd</sup> Senior National Table Tennis championship.
- **Lakshita Sharma** - Represented the Rajasthan Team in the 63<sup>rd</sup> Senior National Table Tennis championship.
- **Kritika Jagrit** - Represented the Rajasthan Team in the 9<sup>th</sup> Cadet Senior Rajasthan State Kickboxing Championship.
- **Tripti Shekhawat** - Represented the Rajasthan Team in the 40<sup>th</sup> Senior Rajasthan National Throwball Championship.



**Mr. Ashok Kumar Dhyanchand, Arjun Awardee and Ex. Captain of Indian Hockey Team.**

## NATIONAL SERVICE SCHEME

**"Motto: "Not me but you"**

- Aims at creating an awareness and a humanitarian attitude towards the needs of the less fortunate.
- The college has 2 units of NSS, with 225 volunteers.
- On completion of the 240 hours of work during graduation, the volunteers get a certificate recognized by the Government of India.
- The 7 day special camp is an important asset of the scheme.
- Other activities include outreach programs, three day camps, seminars, blood donation camps, awareness programs in adopted areas, group discussions, debates and tree plantation activities.
- Rallies, Nukkad Nataks and Flash Mobs are organized on the days of national importance throughout the year.
- The college follows the policy of 'each one teach one' where each NSS volunteer takes the responsibility of teaching a child everyday.
- Nearly 200 children gather in the campus each evening from the nearby areas and villages for the same.
- Volunteers also participate in the National Integration Camp each year.
- Two NSS volunteers Haniya Khatun and Kesar Kanwar participated in the Pre Republic Parade camp at Sikar.
- Kesar Kanwar represented Rajasthan at the Republic Day Parade at Rajpath, Delhi.



# NATIONAL CADET CORPS

**"NCC is not just about Uniform and Uniformity it's about unity"**

To make this vision a reality, to enlighten the spark of patriotism Sophia has always actively and enthusiastically participated in NCC. Our Youth especially girls are motivated to move out of the ambits of their house and offer dedicated service to the nation.

The 2 Units of NCC in the College functions under 5 Raj Girls battalion, Udaipur. There are 50 NCC cadets in the college under the caretaker officer Ms Shikha Sharma



## HIGHLIGHTS (2018-19)

- Combined Annual Training camp at Banswara was attended by 27 students which included various cultural and sports events.
- 8 cadets were selected for Pre-IGC camp and 4 of them attended the IGC camp at Jaipur.
- Twenty Nine cadets appeared in B and C Certificate Examination.
- Cadet Vijeta Shekhawat of BA Part II got selected for the Republic Day Parade and she received the highest honour of 'NCC DG's Commendation' which was awarded to only four girls all over India. She also got selected as the Indian Ambassador for the Youth Exchange Program (YEP) 2019



## CLUBS

### FRENCH CLUB

DELf (Diplome d'etudes en langue française) is a certification of French Language abilities administered by the International Centre for French Studies (Centre International d'etudes Pedagogique, or CIEP) for the French Ministry of Education. Sophia College offers job oriented Diplomas awarded by DELf which are valid for a lifetime. The club is exclusively for the students taking this Diploma and gives them a platform to interact with each other and share their learnings.

### GOOD NEWS GROUP

A group of like-minded students geared towards spiritual growth and social service, a forum where we discuss scriptures, share testimonies and understand life.

### NATURE CLUB

With environment pollution reaching new highs, this club saw its inception in 2002 to enlighten students about the environmental dangers we are inviting. This Club aims at bringing students closer to Mother Earth through regular lectures by renowned Environmentalists, Excursions, Trekking and Quiz Competitions.



### SPECTRUM-The Drama Club

In a world, where life is a stage- Spectrum, the Drama Club of the College encourages students to unleash their hidden potential and refine their dramatic skills.

The Annual English and Hindi Plays of this club are always the talk of the town. Acting, Directing, Script Writing, Stage Setting of plays are areas the students find ample opportunities to prove themselves and excel in.



### THE WOMEN'S DEVELOPMENT CELL (W.D.C.)

This forum aims at sensitizing young girls on issues related to women; it empowers them by making them aware of their rights and potential.

### SPEAKERS' FORUM

The Forum holds meetings once a week where students who are interested in discussing issues of human interest can participate freely. It helps students to think, analyse and speak their thoughts loud and clear.



### MUSIC CLUB

It hones the musical ability of students and provides them a platform to display their talent.

### BIOSCOPE - The Movie Club

A club where compelling movies are screened, debated, analysed and reviewed by the students.



### PICASSO-The Artists' Club

This new forum is for students with an artistic bent of mind. They are provided colours, canvas and a chance to manifest their creative spirit.

Artistic club is a perfect way to relieve stress and hone their skills with a group of like - minded students. In the very first year of the Artistic Club beautifully revamped the College Canteen.



### Health Club

The Gym and Fitness Centre provides facilities to the students as well as the teachers to maintain their physical fitness. We believe that 'a healthy mind lives in a healthy body' and 'Health is Wealth'.



### INNOVATIONS-The Entrepreneurs' Club

The club laid its foundation in 2017 to keep pace with the changing time, to help Sophians' become job givers instead of job seekers in the future. It aids students from all socio-economic background to think outside the box and nurture unconventional talents and skills.

### PAHELI - The Quizzers' Club

This Club organizes Quizzes on general awareness and issues of National and International importance. students who are interested can participate freely. It helps students to think, analyse and update their understanding of the world around them.



## STUDENTS' SUPPORT SERVICES

### Sophia Students' Association

All students are members of the Sophia Students Association. The Sophia Students Council consists of the Deputy Head Girls and Class Representatives who are nominated by the students. The members of the Sophia Students' Council develop qualities of leadership and the ability to work as a team.

Nomination of Candidates follows the given parameters:

1. Good academic record
2. Good conduct
3. Leadership qualities
4. Interpersonal Skills
5. Regularity and punctuality

Meetings are held between the Principal and the members of the Council wherein issues of importance are discussed and viable suggestions implemented.

### Mentor System

The institution has a very unique Group Teacher System in order to build a healthy rapport with the students. Each group teacher has the special charge of about 30 students whom she meets once a week in an informal way to discuss their problems or areas of interest. A definite value education syllabus drawn by the college for all the faculties enables the inculcation of values in the students.

### Personality Development and Value Education

The college provides opportunities for holistic development of students fosters skills for interpersonal relationships and inculcates eternal values.

### Career Guidance and Counseling Cell

This cell of the College is a vibrant body which works for the wholesome development of the students. The students are provided with guidance to explore their career options as well as to effectively plan their career. Workshops and Seminars are held in order to develop the interests and aptitudes of the students

### Placement Cell

The students are provided counseling and guidance services to explore and efficiently plan their career. Workshops and seminars are held to help students decide a career path according to their interests, aptitude and ability. Field visits for students in/outside Ajmer are organised by the cell. Guidance is given to the students at the time of admission in choosing programmes of study and subjects thereof. The cell also provides placement services to the students by organising campus interviews.

### Proctorial Board

The existence of the Proctorial Board is to help students to understand and value the rules and regulations of the College which are meant to foster self-discipline and self-control. They are reminded that in an atmosphere of freedom, they must conduct themselves in a refined and becoming manner.

### Grievance Redressal Cell

The Grievance Redressal Cell takes care of the grievances and complaints of the students. Grievances are put in a Suggestion/Complaint box. The cell analyses and discusses the complaints and problems of the students. Care is taken to satisfy the students and to find a solution for such grievances.



### Anti-Ragging Cell

Sophia College does not tolerate any ragging offence and stringent rules are framed to tackle violations. The Anti-Ragging Cell ensures that no student should experience the sour taste of ragging and conducts regular counselling sessions for the benefit of freshers.

### Feedback Monitoring Cell

This cell monitors the feedback given by the outgoing students every year. At the end of the session when the students are about to leave they are given an online evaluation form which can easily be considered as a report of their 3/5 years' stay in College.

### Tours and Camps

Educational Tours and excursions are arranged to places of educational, cultural and historical importance by the College during the mid-term break.

### Solumni

Established in 1959, Sophia Girls' College is a unique centre for learning. The Alumni Association, 'SOLUMNI' was started in 1999 to facilitate interaction of the alumnus with the institution as well as with the alumni community. The alumni of the College have established themselves as responsible and productive members of society.

'SOLUMNI' aims at nurturing a community where every member feels connected with her Alma Mater and

builds a lifelong bond of kinship with each member of the Sophian family. Its objective is to foster and maintain among its Ex-Students the Sophian family spirit.

### Website

There is a Website Committee which constantly updates the upcoming events and news of the Institution. The committee is also responsible for answering queries about the Institution.

### Bank Facility

The institution provides a banking facility in the vicinity of the College for easy payment of fees. The Sophia School Extension counter of Canara Bank is across the road. The address and contact number of the bank are given below:

### Canara Bank

Sophia School Extension Counter

Jaipur Road, Ajmer.

Ph. No. -0145-2621155

### Online Payment of Fees

To keep pace with Digital India, the College provides the facility of online payment of fees so that parents and students can escape the hassle of waiting in long queues.



## INFRASTRUCTURE

### Laboratories

The College curriculum believes in 'Learning by doing'. To promote experiential learning of the students the College has the following well-equipped labs and museums: English Language, Geography, GIS, Home Science, Psychology, Physics, Chemistry, Computer Science, Botany and Zoology.



### Sit-outs

College life is not just about academics and co-curricular activities; it is also about making new friends and sharing experiences. Sophia College has multiple sit-outs which enable the students to create memories for the coming years.



### Gymnasium

Equipped with modern machines, Sophia College has its own gymnasium which is the perfect place to maintain a healthy body and mind.



### Parking Facilities

The College has well organised parking lots which provide security and shelter to the conveyance of faculty members, students and outsiders.

### Hostel

The College offers hostel facilities to 150 students in three blocks. There is a balanced blend of study and recreational activities. The hostel provides a conducive ambience for moral and spiritual development.

### SNACK-SHACK- The College Canteen

As the famous saying goes, 'hunger pangs and studies cannot go together', Snack-Shack is the perfect place to satisfy those small hunger pangs and chat with friends over a cup of coffee or a snack.



### Swimming Pool

The College has a half olympic size pool. Swimming classes are conducted by a trained/professional coach on a monthly payment basis.



### Audio- Visual Room / Seminar Room

A plush, air- conditioned seminar room with all the latest audio-visual technology is available for Conferences, Seminars and Workshops.



# THE COLLEGE LIBRARY

## THE COLLEGE LIBRARY

The Library is a temple of learning. In keeping with the vision and mission of the College, the library was established in 1959 'to promote knowledge generation and application through its effective dissemination'. It acts as the prime information resource centre and repository of printed and e-resources that supports teaching, research and all the academic activities of the College. All the faculty members and students of the College are entitled to access the library facilities and services.

## LIBRARY SECTIONS

The Library has myriad sections for its proper functioning like Acquisition Section, Technical Section, Circulation Section, Periodical Section, Reference Section, Reprographic Section, Newspaper Corner, E-Resource Lab / Digital Library.

A separate e-Resource Lab has been established in the Library. The e-Resource Lab is exclusively used for the online access of e-Journals, e-Books and other e-Resources provided by the 'National Library and Information Services Infrastructure for Scholarly Content' (N-LIST consortium) of INFLIBNET Center, Gandhinagar.

## COLLEGE PUBLICATIONS

Four publications are brought out annually - the College Magazine - Sophiana ; a newsletter - The Sophian Communique and two International Research Journals - Khoj in Geography and Motifs in English. The Publications aim at giving students a creative mind, a flair for writing, a space for expressing themselves. Both Students and faculty are encouraged to write.



### BOOK BANK FACILITY

The Central Library has a separate Book Bank facility for financially weak students.

### e - RESOURCES

The Central Library is a member of N-LIST 'National Library and Information Services Infrastructure for Scholarly Content' (N-LIST consortium) of INFLIBNET Center, Gandhinagar, Gujarat for accessing e-journals and e-books. The users can access the e-Journals and e-Books through user ID and Password.

### LIBRARY COLLECTION

S. No.	Resources		Total
1.	Books		39000+
2.	Print Journal (National and International)		24
3.	e- Journals and Databases		60000+ titles
4.	e-Books	Through Publishers	9871+ titles
		Through ebrary-ebooks	125000+ titles
		Through World -ebooks Library	30000000+ titles
5.	CD-Rom Collection		500+
6.	Magazines		24
7.	Newspapers		07

Library Hours: 8 a.m. to 3.45 p.m. on Working Days.

Loan Privileges: 2 books for a fortnight. (Undergraduate)

: 3 books for a fortnight. (Postgraduate)



## AWARDS AND SCHOLARSHIPS



The criteria for coveted trophies awarded to students each year at the Annual Prize Giving.

1. **The Dr. Mithanlal Bagh Memorial Scholarship:** For a Third Year science student coming from Sophia Senior Secondary School, Ajmer who excelled in the End Semester Examinations of the previous year and is an active participant in the activities of the Department and the College. A scholarship of Rs 1,000 is given to the awardees.
2. **The Prof. N.K. Dasgupta Award:** Given to an outgoing student of B.A. Part III for securing the highest marks in English Literature in the End Semester exam for two consecutive years.
3. **The Dr. R.N.Bagchi Award:** To an outgoing student of Economics Honours Part III for securing the highest Marks at the End Semester Examination.
4. **Mrs. S. Sen Memorial Shield:** To a student who is good in academics, has the ability to undertake responsibility, an example in etiquette and good behaviour.
5. **The Shefali Das Gupta Award:** For the Best Student in the faculty of Commerce for her excellent academic record based on the performance at the University examinations of all the 3 years and internal examinations as well as her ability to create an impact of her presence during her stay in the College.
6. **The Leena Upadhyaya Award:** To a student of English Honours B.A. Part III for securing the highest Marks in English Literature in the University Examination. A scholarship of Rs 5,000 is given to the awardee.
7. **Smt. Shakuntala Kaul Memorial:** For a final year student offering Sociology for securing the highest marks in the subject at the B.A. Part II End Semester Examination.
8. **Anjali Bhalla Shield:** For an outstanding student of final year Science on the basis of Academic achievement in End Semester Examination of B.Sc. Part I and Part II
9. **Laxmi Bhargava Cup:** For an outstanding student of the final year on the basis of academic excellence in End Semester Examination of Part I and Part II
10. **Mrs. Suchandra Sen Scholarship:** For a sincere conscientious, disciplined student of the Final Year English Honours who secured the First Position in the Previous End Semester Examination.
11. **Mrs. Suchandra Sen Scholarship:** For a student of M.A. Final English, who excelled in the previous End Semester examination, has shown a keen interest and a love for the subject and has attended classes regularly. A scholarship of Rs 10,000 is given to the awardees.
12. **Dr. PS Virdi Trophy:** for a student of B.Sc. III for securing the highest marks in Physics in the previous End Semester examination. A scholarship of Rs 1,000 is given to the awardees.
13. **Shri Shivnath Singh Kapoor Memorial Trophy** awarded to a student of B.A. (English Hons.) Part I for being regular in class, and doing well in English Literature in the End Semester examination.
14. **Sen Gupta Memorial Trophy** awarded to the best student in English Honours who is good in academics & co-curricular activities

15. **Sen Gupta Trophy** awarded to the best student in the faculty of commerce who is good in academics & co-curricular activities
16. **Mrs. T Viridi Award** to an outgoing student of Home Science who has keen interest in the subject and is creative. A scholarship of Rs 1,000 is given to the awardees.
17. **Dr. Kusum Sharma Award** to a student of B.A final year, for securing the highest marks in Hindi literature in B.A. I and II at End Semester examination. A scholarship of Rs 1,500 is given to the awardees.
18. The Anil Kumar Memorial Scholarship is awarded to a student of Economics who has consistently good academic record, attends classes regularly and has an analytic bent of mind. A scholarship of Rs 5,000 is given to the awardees.
19. The Vivianne Aubert Scholarship awarded for a Post Graduate student in English who is regular, conscientious, and academically bright, has a flair for the language and applies Literature to life. A scholarship of Rs 2,500 is given to the awardees.
20. The Mr. Ramesh Yadav Scholarship to a deserving to a 2nd year student of Sociology who has keen interest in the subject, attends classes regularly and is academically bright. A scholarship of Rs 5,000 is given to the awardees.
21. The Leena Upadhyay Scholarship to a deserving student who is a conscientious, loyal has a good code of conduct and having brought laurels to the institution. A scholarship of Rs 5,000 is given to the awardees.
22. Late Mrs. Edna Fernandes Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 10,000 is given to the awardees.
23. Late Sr. Concealia Scholarship to a conscientious, deserving and meritorious student of Zoology. A scholarship of Rs 2,000 is given to the awardees.
24. Mr. Deepak Kumar Bhatia Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 5,000 is given to the awardees.
25. Mrs. Kirti Tanwar Chauhan Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 10,000 is given to the awardees.
26. Col. M.S. Tanwar Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 10,000 is given to the awardees.



27. Mrs. Moti Tanwar Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 10,000 is given to the awardees.
28. Mrs. Manju Mathur Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 5,000 is given to the awardees.
29. Shri P. S. Bhargava Scholarship to a conscientious, deserving and meritorious student of BCA –III. A scholarship of Rs 5,000 is given to the awardees.
30. Shri Rajendra Prasad Sharma Scholarship to a conscientious, deserving and meritorious student of BBA –III. A scholarship of Rs 5,000 is given to the awardees.
31. Mrs. Shakuntala Tiwari Scholarship to a conscientious, deserving and meritorious student of B. Com –III. A scholarship of Rs 5,000 is given to the awardees.
32. Mr. Felix D'Souza Scholarship to a conscientious, deserving and meritorious student. A scholarship of Rs 5,000 is given to the awardees.
33. Shri M.L.Gupta Scholarship to a student who has helped to create an eco friendly world by coming to college on a bicycle.
34. Master Shivansh Yadav Scholarship to a conscientious, deserving and meritorious student of Sociology. A scholarship of Rs 3,000 is given to the awardees.

#### For Co-Curricular Activities:

##### Dramatics

1. **The S.O. Nath Shield:** For histrionic talent revealed in a College performance.
2. **The Gul Jal Trophy:** For convincing stage performance.
3. **The Jain Trophy:** For impressive dramatization of a difficult role.
4. **Shield for Best Direction**

### Fine Arts

**The Mrs. Sampatmal Lodha Award:** For Fine Arts.

### Debates

A. **The Krishna Mukherjee Shield:** For the best speaker at the Annual Debate in English.

B. **The Sushila Pathak Trophy:** For the best speaker at the Annual Debate in Hindi.

### Social Service

✍ **The Ashoka Sanghi Trophy:** For persevering commitment rendered in the field of Social Service.

### Good News Group

✍ **The Mrs. Lee Scholarship** for a student from the Good News Group who is regular in class, good in academics, contributes to the Good News activities and is a powerful witness of the Heavenly Father. A scholarship of Rs 4,000 is given to the awardee.

### Games

✍ **The Shri V. Narayanan Nair Trophy:** For the Best Sports Women of the College for the past three years.

✍ Exemplary sports performance by an outgoing student.

✍ A regular student with a minimum of 60% marks in the University Examinations.

✍ A minimum attendance of 60% in all the three years.

✍ **The V.V. John Memorial Shield:** For active participation at the Speakers' Forum

### Outstanding Performance

1. **The Challenger Shield:** For the outstanding class of the year adjudged on the following points:

General discipline of the class. Organization of functions.

Progress in studies and assignments. Participation in co-curricular activities

2. **The Sister Jovita Memorial Trophy** for the Sophian of the year based on: Conviviality Youthful exuberance Sensitivity, the ability to reach out to others. Love for Music

3. **The Matilda Trophy:** For the best 'All-round outgoing student awarded on the following criteria: Consistently good in studies, Excellence in, at least one field as a Sophian. Interest and active participation in Assemblies, Games, Social Service. In the organization of College events. A good code of conduct



## ACADEMIC CALENDAR 2019-2020

Month	Activities
Monday, 1 st July 2019	Parent Teacher Meeting
Tuesday, 2 nd July 2019	Orientation of New Students
Wednesday, 3 rd July 2019	Commencement of Classes
Wednesday, 31 st July 2019	Fresher's Day
9 th – 10 th August 2019	National Workshop on Human Rights – Department of Political Science and History
Second week of August	Economia – The Eco Fest
Thursday, 22 nd August 2019	Sophians' Day / Sophiesta – the Cultural Fest
30 th and 31 st August 2019	National Workshop - Department of Zoology
6 th and 7 th September 2019	National Workshop - Department of Chemistry
23 rd - 24 th September 2019	National Conference by IQAC
4 th week of September 2019	Commencement of CIA
Second week of October 2019	Paegasus – The Literary Fest
18 th -19 th October 2019	National Conference - Department of Management and Commerce
23 rd - 29 th October 2019	Diwali Break
28 th – 30 th November 2019	DST workshop - - Department of Geography
2 nd week of November 2019	Commencement of I/III/V End Semester Practical
3 rd week of November 2019	Preparation Leave
4 th week of November – 1 st week of December 2019	End Semester I/III/V Exams(Theory)
9 th December 2019	Commencement of II/IV/VI Semester Classes
25 th December 2019 to 1 st January 2020	Winter Break
9 th - 10 th January 2020	National Conference – Dept. of Economics and Political Science
30 th – 31 st January 2020	National Workshop – Department of Computer Science
7 th – 8 th February 2020	National Workshop – Departments of Home Science, Psychology, Physical Education
4 th week of February 2020	Commencement of CIA
13 th – 14 th March 2020	National Workshop on GST - Department Commerce and Management
2 nd week of April 2020	Commencement of II/IV/VI End Semester Exams (Practical)
3 rd week of April 2020	Preparation Leave
4 th week of April-3 rd week of May 2020	End Semester II/IV/VI Exams(Theory)

CIA - Continuous Internal Assessment

The above calendar is tentative and it may be changed in any unavoidable circumstances.

# Rules and Regulations for promotion of students to higher classes and matters related to the examination

## I. Student Enrolment

Each student admitted to Sophia Girls' College [Autonomous], shall be enrolled with the MDS University Ajmer. For this purpose enrolment forms shall be filled up in the month of July. Students passing their qualifying examination from a Board, other than the Board of Secondary Education, Rajasthan or from a University other than the MDS University, Ajmer are also required to fill up the eligibility form and submit the same along with the migration certificate from their earlier Board/ University. The admission of such students shall be confirmed only after their eligibility is decided by the University.

## II. Examination form and Examination Fee

Students admitted to SGCA are required to fill up their examination forms for the Odd Semesters in the month of August and for Even Semesters in the month of January as per the schedule announced.

## III. Unitization of Syllabus

The syllabi of all the papers included in various programmes will be divided into 3 units with the number of lecture hours required to cover each unit specified against it. Each question paper of the End Semester Examination shall be set to cover the entire syllabus.

## IV. Evaluation System.

Evaluation for Semester based programmes shall be done through Continuous Internal Assessment (CIA) and End Semester Examination (ESE). The weightage for the two types of evaluation is given below:

CIA	ESE	Total
30%	70%	100%

## V. Criteria for Passing

- 1.Examinations will be conducted for odd and even semesters at the end of each semester.
- 2.For undergraduate programmes, a student is required to score a minimum of 40% in a subject (ESE + CIA put together). However, she has to score a minimum of 40% in theory separately. In the case of subjects with practical it is mandatory for the student to score 40% in the practical examination to be declared to have passed

in that subject. If the student fails in theory or practical she should reappear for theory or practical examination as the case may be.

3.If student does not secure minimum marks in theory paper but clears the practical exam of that paper then practical marks will be carried forward.

4.A candidate is deemed to have failed in a theory paper / practical paper if the above conditions are not fulfilled.

5.A candidate is considered to have cleared the semester if she has obtained a minimum of 40% marks of the total marks in that semester.

## VI. Promotion Policy for UG

1.The students admitted to Odd semester (I, III, V) shall be automatically promoted to the next even semester irrespective of their result in these semesters. Thus there is no check on promotion from Odd Semester to the next Even Semester. However at the end of an Even Semester, previous semesters performance of a candidate shall be taken into account for promotion to the next odd semester provided the student has registered for the Examination by paying the required Examination Fee.

2.For UG level the performance of a candidate in only core subjects shall be taken into consideration for the purpose of promotion to the next semester.

3.If a student does not pass in 50% papers of SEM I and SEM II taken together or in 75% papers from SEM I to SEM IV she will not be promoted to the next odd semester, but will be allowed to appear in the subsequent DUE examinations as an Ex-student so as to qualify. After fulfilling the necessary criteria for promotion, such students shall be re-admitted and promoted to the next semester as and when the relevant semester course is being run in the College.

## VII. Promotion Policy for PG

In PG courses, a candidate must clear at least 50% of the papers out of the total papers prescribed in SEM I and SEM II taken together for promotion to the III Semester.

### VIII. Due Papers

1.If a student fulfils the minimum passing criteria in any semester, she will be Eligible for Next Semester (EFNS) and the papers in which she has failed would be treated as 'Due Papers'. The candidate is required to appear in the due papers as and when they are held.

2.In case of due papers, the candidate is examined in the ESE only and the CIA marks obtained by her in the earlier semester(s) will be taken into account.

### IX. Provision for unsuccessful candidates.

1.A candidate who is not eligible for promotion to the III and V semester, as the case may be, will be allowed to appear in subsequent examinations as an ex-student After fulfilling the necessary criteria for promotion, such students would be re-admitted and promoted to the next semester, as and when the relevant semester course is being run at the College.

### X. Maximum Time Limit

1.Under Autonomy the College provides a flexibility of time limit for different courses as given below:

a.UG Program - 12 Semesters (6 years )

b.UG Level Professional Courses - 12 Semesters (6 years)

3.If a student does not pass in 50% papers of SEM I and SEM II taken together or in 75% papers from SEM I to SEM IV she will not be promoted to the next odd semester, but will be allowed to appear in the subsequent DUE examinations as an Ex-student so as to qualify. After fulfilling the necessary criteria for promotion, such students shall be re-admitted and promoted to the next semester as and when the relevant semester course is being run in the College.



## Research

### Journals:

- Motifs: The International Journal of English Literature (Peer Reviewed)
- Khoj :The International Journal of Geography (Peer Reviewed)

International / National Conferences, Seminars and Workshops are organised to adapt to the diverse research needs, to learn from expert opinions and investigations.

Ph.D Programme

MOUs/ Linkages and Collaborations

Survey and Field Visits, Socio-Economic, Demographic surveys and internships are conducted to understand societal changes.

### Research- The Exploration Endeavors

Regular Faculty Development Programmes to enrich and upgrade knowledge and skills of the Faculty.

Through Dissertation, Post Graduate students are provided the opportunity to delve into the world of research and bring out new angles to the known and explore the unknown.

UGC Sponsored / Institutional Minor Research Projects for the Faculty.

Project Work by Under-Graduate Students to understand the nuances of research.





St. Aloysius' College  
(Autonomous) Jabalpur



## MOUs / COLLABORATIONS / LINKAGES:

- Scandinavian International Executive School
- Pillai College of Engineering, Mumbai
- Sagar University, Madhya Pradesh
- Government City College, Hyderabad
- Parvati Bai Chowgule College of Arts and Science, Goa
- Kristu Jayanti College, Bangalore
- Parishkar Global College of Education, Jaipur
- Centre of Environment and Development Studies, Jaipur
- Mahila Kalyan Mandal Sansthan, Chachiyawas
- Government College of Arts Science and Commerce Goa.
- Saint Agnel Institute of Design, Goa.
- Don Bosco College, Diphu, Assam.
- St. Aloysius College, Jabalpur
- Saint Anthony's College, Shillong, Meghalaya.
- HMT
- ISRO
- IIT Mumbai
- RCDSSS
- Toshniwal
- Saras Dairy



## Institutional Social Responsibility

Institutional Social Responsibility is one of the mainstays of Sophia College and, we as an institution, believe that our role involves something more than simply imparting knowledge and skills to the students.

We believe that empowering women to be economically independent and self-reliant is vital for India's future. The skill ecosystem in India is seeing some great reforms and policy interventions which is reinvigorating and re-energizing the country's workforce today.

The institution offers various Skill based and Job-Oriented courses on Campus to help prepare the youth for job and growth opportunities in the competitive market. Courses on Food Preservation, Baking and Confectionery, Jewellery Making, Dyeing and Printing, Photography, Soft skills, English Communication Skills, Fine Arts, Creative Craft, Basics of Ornithology, Personality Development, Human Rights, Library Sciences, Short Films and Documentaries, Developing Mobile Applications, Tally, Basic Accounting and E-Commerce, Alternative Medicines and Home Remedies, Beauty Culture and SPSS to help the students inculcate proficiency. They are also taught entrepreneurship and advertising skills to market their business. Many of our girls have started their own small scale businesses in the field of Choreography, Designing, Beauty Culture, Card Making, Jewellery Making, Chocolate Making, Confectionery, Online Sales and they run Coaching Classes as well.

The College Students visit Bunabhai, Bandiya and Bhopo Ka Bada (nearby villages and bastis), where nukkad natak, rallies and social awareness campaigns are organised.

The College in collaboration with Disha-Ahaar, financially contributes towards providing food to the needy twice a week.



We at Sophia believe that education is the greatest wealth that one can ever have. But, the basic cost incurred on educating a child is so high that it becomes difficult for poor people to provide necessary educational materials to their wards. Keeping this in mind, every year the students from the Science Department visit a nearby village and donate books and clothes to the poor and needy.

The College is very considerate towards the marginalized and deprived sections of society. To help educate their children, it offers fee concessions, no interest loans to its workers, free admission and education for co-workers' children. It offers financial contribution and additional leave to those workers who are sick and are in need, medical help is also extended to the co-workers and their families.

Knowledge is power and has been significant in the growth and development of the youth, the College runs a campaign to educate the youth living in nearby areas by providing them with certain activities which enhance their academic, personal and interpersonal skills. The College students regularly go to teach students of a Government school in the vicinity, besides the daily free coaching provided to around 200 needy and under-privileged children of the nearby area.

To lend a helping hand to the victims of Kerala flood, The Management, Staff and Students of the college collected 2,50,000 rupees as a relief corpus.

Sophia College stands true to its core values by contributing in society's development and promoting inclusive growth. The College nurtures the idea of social sensitivity by instilling these values in the educated youth of today, so that they contribute towards nation-building.

## Environmental Responsibility

To be successful to the core, it is necessary that an organisation is integrated with its surroundings, taking care of environment sustainability not only within, but also around it.

Hence, at Sophia College, we demonstrate our care and concern for global climate by using clean and renewable sources of energy.

Our institute generates an astonishing amount of 100 KWH of electricity of which 40KWH is stored in inverter off grid with 9000 ampere capacity battery bank, while 60KWH is generated on grid. This is done through 344 solar panels which provides electricity to the entire college besides supplying the surplus to the government. This electricity generated is used to operate all computer labs, lights, fans, refrigerators, projectors, water purifiers and air conditioners. 18 individual solar street lights illuminate the campus at night.

Other heating systems also follow the same concept the use of three solar water heating systems of 3500 litre

capacity and the operational use of biogas for cooking purposes.

The key concept of sustainability lies in making the best use of available resources saving them for our future generations at the same time. Sophia College implements this idea by making the optimum use of its resources.

Mother Earth has already lost much of its forestlands and this is major concern. As an initiative to make the world a greener place, the College boasts of a lush green campus and often organizes a couple of Tree Plantation Drives in the monsoon. The purpose of the initiative is to grow more and more trees in the campus and the surrounding areas.

Invaluable, yet depleting resource, water is also protected and well preserved via rainwater preservation system which directs all the rainwater to the wells. Thus, Sophia College contributes to the best of its capacity in the environment sustainability



## Our Star Alumni

- |                                       |               |  |           |
|---------------------------------------|---------------|--|-----------|
| 1. Ms. Deepa Malik -                  | Arjuna Awarde | 27. Ms. Preeti Tanwar                                    |           |
| 2. Ms. Kakoli Mitra                   | IAS           | Director, University of Menitoba, Canada                 |           |
| 3. Ms. Abhilasha Jha                  | IAS           | 28. Ms. Rosinka Khastigiri Choudhary                     |           |
| 4. Ms. Nazli Jafri                    | IAS           | Head South Asia Studies                                  |           |
| 5. Ms. Pallavi Khangarot              | IAS           | 29. Ms. Ingrid Albuquerque                               |           |
| 6. Ms. Swati Meena -                  | IAS           | Founder Editor of Savy Magazine                          |           |
| 7. Ms. Neyati Raj Singh               | IAS           | 30. Ms. Kirti (Tanwar) Chouhan                           |           |
| 8. Mrs. Uma Singh                     | IAS           | Monitoring and Evaluation, Director                      |           |
| 9. Ms. Kavita Bhatnagar               | IRS           | Latika Roy Foundation , Dehradun                         |           |
| 10. Ms. Malvika Garg                  | IRS           | 31. Dr. Rita Bhargava                                    |           |
| 11. Ms. Prashansa Mathur              | IPS           | Member, Rajya Mahila Aayog                               |           |
| 12. Ms. Garima Sharma                 | IPS           | 32. Ms. Leena Upadhaya                                   |           |
| 13. Ms. Shilpi Chaudhary              | RPS           | Country Director, India EADA Business School, Barcelona  |           |
| 14. Ms. Manglesh                      | RAS           | 33. Ms. Pallavi Tak                                      |           |
| 15. Ms. Mehar Afroz                   | RAS           | AVP Social Impact Incubation at Startup Oasis, CII, IIMA |           |
| 16. Ms. Priyanka Jodhawat             | RAS           | 34. Prof. Sarina Kalia                                   | Professor |
| 17. Ms. Manita Rathore                | RAS           | 35. Prof. Urvashi Sabu                                   | Professor |
| 18. Ms. Meghna Chaudhary              | RAS           | 36. Prof. Ameena Qazi                                    | Professor |
| 19. Ms. Priya Bhargava                | RAS           | 37. Prof. Kalpana Purohit                                | Professor |
| 20. Ms. Annand Ashutosh               | RAS           | 38. Ms. Bharti Tolumbia                                  |           |
| 21. Ms. Vasundhara Chauhan            | RAS           | Principal, St. Stephen School, Ajmer                     |           |
| 22. Ms. Priyanka Upadhaya             | RAS           | 39. Ms. Vinita Rathore                                   |           |
| 23. Ms. Ranjana Sagar                 | RBI           | Co-ordinator , Indian Youth Congress                     |           |
| 24. Lt. Col. Mandeep Viridi           |               | 40. Ms. Moomal Deora                                     |           |
| Indian Army                           |               | Founder Amar- Creations                                  |           |
| 25. Ms. Garima Sharma                 |               | 41. Ms. Yvette Lee                                       |           |
| Indian Airforce                       |               | President, Soroptimist International                     |           |
| 26. Dr. Hema Yadav                    |               | Bombay Chamber and Director, IWFCI                       |           |
| Ministry of Agriculture- Central Govt |               | India National Chapter.                                  |           |

## Major Calendar Events 2018-2019

### Legal Awareness Program

The District Collector Ms Arti Dogra in collaboration with the NGO United Ajmer conducted a Legal Awareness Program for the College students and staff members. Ms. Dogra encouraged the students to pursue their dreams against all odds.



### Seminar on Global Warming and Depletion of Flora and Fauna

Organised by the Department of Botany this two day seminar by Prof. Ordetta Mendonca from Stella Maris College, Chennai highlighted the alarming concerns of global warming.

### National Workshop on 'Research Methodology and Data Analysis using Data Mining Tools'

Organised by the Department of Computer Science the workshop helped the participants to understand the research arena better. Prof. Lalit Kumar Awasthi Director B R Ambedkar National Institute of Technology was the Chief Guest and Keynote Speaker of the workshop. Prof. N.N. Jani Director SKPIMCS-KSV were the resource persons of various technical sessions.



### National Conference on 'Emerging Trends and Scope in the Banking sector with special reference to the present Indian Scenario'

Organised by the Department of Commerce and Economics, the conference brought together Academicians, Industry Policy makers, Entrepreneurs and concerned Stakeholders to deliberate on the Emerging Trends and Scope in the Contemporary Indian Banking Sector. Retired JNU Professor and country's leading authority on Black Economy debates, Prof. Arun Kumar was the part of the Valedictory Function. 300 students, 80 Research Scholars and around 100 Academicians who participated in the conference.



### Workshop on Translation Studies

Organised by the Department of English, the resource persons of the workshop were Prof. H.C. Narang from JNU and Dr. Ranjit Saha from Delhi University.

### National Conference on -'Advances in Science and Technology'

Organised by the Department of Chemistry, the conference focused on topics like Nanotechnology and Nanoparticles, Green Chemistry, Environmental Chemistry, Mathematical Computations, natural products, Coordination Chemistry and Phytochemistry. Retd. Prof. of Chemistry at IIT Kanpur Dr. ND Gajbhiye graced the occasion as the Chief Guest and Retd. Scientist/Engineer, ISRO Dept. of Space Govt. of India Dr. MRR Prasad was the keynote



**Workshop on Memory, Mind and Body titled as "Intelligent Meet"** was Organised by the Department of Psychology, the resource person Mr. Vinod Sharma is a Guinness World Book record holder. The workshop enlightened the students about mnemonics and other tricks to enhance learning and memory.

### Workshop on Quantitative Techniques and Data analysis

Organised by the Department of Geography, the workshop focused on various Quantitative Techniques and Data Analysis used in Research. Dr. Jitendra Kumar, Professor R.N Mishra and Dr. Deepak Mehra were the resource persons for the workshop.



### **National Seminar on E-learning and MOOC's in Higher Education**

Organised by IQAC in collaboration with Guru Angad Dev Teaching Learning Centre of MHRD ,co-organized by Directorate of College Education , Government of Rajasthan. The seminar helped the teachers to understand the importance of incorporating e- learning in their classrooms.



### **Departmental Fests**

Department of Home Science organized Nutrition Fest from 18th - 20th September 2018. Department of English organized its Lit-Fest 'Pegasus' on 5th February 2019 and Department of Economics organized their fest 'Ecolloquium' on 25th March 2019.

### **IOT IGNITE -Two Day National Workshop on Internet of Things.**

Department of Computer Science organized a two day National Workshop on Internet of Things to make students and scholars aware of the growing importance of this theme in today's tech-savvy society. Dignitaries like Mr. Madhukant Patel MD Reve Automation LLP, Prof. N.N Jani Director SKPIMCS-KSV, and Dr. Richa Mehta Asst. Prof. KSV University, Gandhinagar graced the occasion.



## **Cultural Activities**



### **Annual Plays**

Spectrum-The Drama Club of the College staged a murder mystery by Agatha Christie titled 'The Mouse Trap'.

The Annual Hindi play this year was based on Sadat Hasan Manto's Short Story 'Toba Tek Singh'. Both the plays were a great success and attracted theatre enthusiasts from round the city.



### **Sophiesta -The Sophian Cultural Fest**

Organised by the Cultural Committee of the College, the aim of the fest is to showcase the prolific inventiveness of the students in the field of Art, Drama and Literature. Students participated with great fervor.



### **Hunar 2019**

A talent hunt was organised to discover the unearthed talents of the First year students.



**Annual Debates** The Annual English Debate was organized by the Department of English and the topic for the debate was 'The Fault Lies in the Stars'.

The Annual Hindi Debate was organized by the Department of Hindi and the topic for the debate was 'Internet ke prayog ne vidhyarthiyon ki srijan shakti ko simit kiya hai'.

## **Career Counselling and Placement**

To generate awareness amongst the students about the various career opportunities available, the College organised the following sessions:

1. Career opportunities in Commerce by Times Academy
2. Roadmap to MBA by Dr.Prabhat Pankaj Director, Jaipuria Institute of Management.
3. Careers in Botany by Ms.Ordetta Mendoza HOD, Bioinformatics, Stella Maris College, Chennai.
4. Employability Skills by Vaibhav Mediratta, PIBM Pune.
5. Roadmap to Company Secretary by Ms.Sonu Nahata, Company Secretary Institute.
6. Workshop on 'Internship Opportunities via online sites' by the Department of Zoology.

7. Career prospects in Sociology by Prof. S.C Rajora, Retd. Professor from Mohan Lal Sukhadia University, Udaipur.

8. There were two interactive sessions on how to crack NET by our illustrious alumni Shivani Indora and Prachi Tomar.

Also, there is an Entrepreneur's Club which creates opportunities for self employment and organises talks and workshops on the same. Additionally the skill development and job oriented courses organised by the college too add to the skill set of students and aids them in this competitive world.

### **Coaching for Competitive Exams**

The College offers coaching for Civil Services in which 52 students are enrolled presently.

Coaching for NET is also provided by the college.

# IN THE HEADLINES



## सोफिया कॉलेज में राष्ट्रीय संगोष्ठी का समापन

अजमेर, (विनीत सोहिवा) : सोफिया कॉलेज में आयोजित राष्ट्रीय संगोष्ठी का समापन हुआ। इस अवसर पर डॉ. जितेन्द्र कुमार ने प्रमुखता से भाष्य किया। संगोष्ठी में देश भर के छात्रों और शिक्षकों का भाग लेना था।

## अजमेर से भी मिल सकती है मिताली, मैरीकॉम व सानिया



अजमेर, (विनीत सोहिवा) : अजमेर से भी मिल सकती है मिताली, मैरीकॉम व सानिया। इन खेलों में अजमेर के खिलाड़ियों को प्रोत्साहित किया जा रहा है।

## अफ्रीकी देशों के लिए भारत का पोषण अभियान बनेगा मिसाल



## भारत-पाक रिश्तों पर किया व्यंग

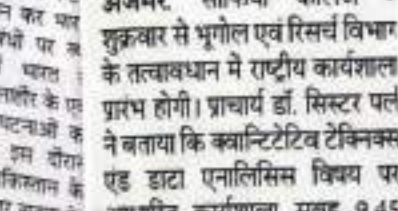


अजमेर, (विनीत सोहिवा) : भारत-पाक रिश्तों पर किया व्यंग। इस अवसर पर डॉ. जितेन्द्र कुमार ने प्रमुखता से भाष्य किया।

## अंतर महाविद्यालय स्वी-स्वी आज



## राष्ट्रीय कार्यशाला आज से

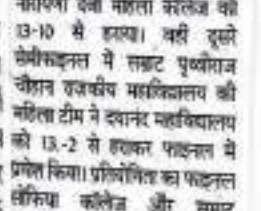


अजमेर, (विनीत सोहिवा) : राष्ट्रीय कार्यशाला आज से शुरू होगी। इस अवसर पर डॉ. जितेन्द्र कुमार ने प्रमुखता से भाष्य किया।

## सोफिया और PATRIKA एसपीसी कॉलेज फाइनल में



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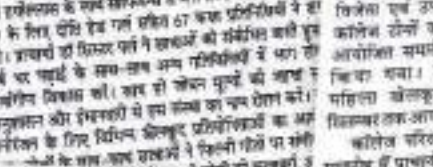
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## महिला खेलकूद विजेता टीमों का किया सम्मान



## छात्राओं ने मजावा सोफिया कॉलेज में



## कामयाबी के लिए संतुलन और सामंजस्य जरूरी



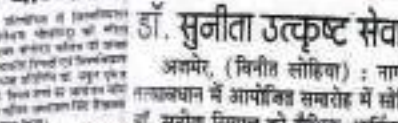
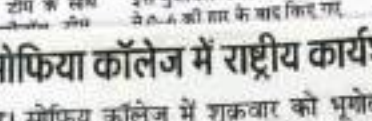
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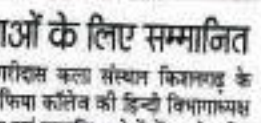
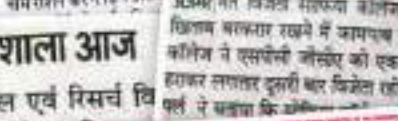
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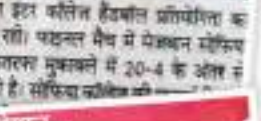
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