

JSS COLLEGE FOR WOMEN

Affiliated to the University of Mysore & Re-Accredited by NAAC with 'A' Grade (CGPA-3.02)

B R HILLS ROAD, CHAMARAJANAGAR - KARNATAKA : 571 313

Ph.: 08226-222076 & FAX: 08226-226505 - Website:jsscwn.com - E-mail:jsscwnagar@gmail.com



PROGRAMME OUTCOMES

PROGRAM SPECIFIC OUTCOMES AND

COURSE OUTCOMES

FOR ALL PROGRAMS OFFERED BY THE

INSTITUTION.

PROGRAMME OUT COME

Undergraduate (UG) : Undergraduate is considered as higher education, where students focus only a 2-3 courses (Subjects), so that they can gain more knowledge on some specific courses. In the due course they can expertise and contribute to the society. This further paves ways for higher education (pg). UG programmes contribute to the personality development and to inculcate Nationality.

Postgraduate (PG): Post graduation in the next stage of higher education here the students enrich their knowledge on a particular course. They can take up research activities and attain expertise in a particular field.

PROGRAMME SPECIFIC OUTCOME

BA: BA programme consists of Humanities like History, English, Social study, Economic principles, Social developments, democracy, solar systems and many more aspects of day today activities. Languages widen the prospective of the students over all BA programme inculcates Culture, peace of minds and human values.

B.Com & BBA :

- Students will be able to demonstrate progressive learning of various tax issues forms related to individuals
- Students will be able to demonstrate knowledge in setting up a computerized set of accounting books.
- Students will demonstrate progressive affective domain development of values, the role of accounting in society and business.
- Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- Students will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWAI, CMA, CFA, IAS, IPS, KAS, KPS, FDC, IBPS et..,
- Students will be able to do higher education like M.Com, MBA, MSW, M.Lib. LLB and B.Ed.
- Students can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.

B.Sc : Science helps to understand the world around us. Everything we know about the universe from how trees reproduce to what an atom is made of, is the result of scientific research and experiment. Human progress throughout history has largely rested on advance of science. The study of science gives the way of building knowledge about the universe, by constructing new ideas that illuminates the world around us. Scientific invention and discoveries allows us to develop new technologies, solve practical problems and make decisions to uplift the society, to remove blind beliefs existing in the society. For example the discovery of DNA was a fundamental breakthrough in biology. It helps a lot to solve so many problems of the society. The study of science helps to the progress of mankind, for economical development, maintenance of health, for political maturity and for the world wide stability. Science is based on research, which is commonly conducted in academic and research institutions as well as in government agencies and companies. The practical impact of scientific research has led to the emergence of science policies that influence the development of commercial products, armaments, health care and environmental protection.

The science graduate proves to be an asset for the society producing something more innovative. He will be in a position to develop professional, ethical, environmental and social responsibilities. He is capable to contribute to the betterment of the society by inculcating expertise in healthcare sector. He can compare and contrast the breadth to depth of scientific knowledge in uplifting the society.

BCA: Computer Science has become the heart and soul of growing information technology and communication system era. In this UG course BCA, students are trained to instil the ability to understand, analyze, identify, formulate and design computer based solution to solve the real world problems using modern computing tool and techniques. The course also focuses on bridging the gap between computer application and IT industry by training the students to acquire necessary communication skill required to narrate technical information in oral and written reports. The students also develop leadership qualities to function effectively as a leader and as a member in project team work.

M.Com : After completion of the graduation students will be having dilemma, whether to go for further studies or should they start to earn. The following are the benefits of perusing

PG:

- Increases the knowledge in any particular area
- Students who have performed PG course have better employment opportunities
- It helps in filtration as it is the step forward which increases employability
- Helps in engaging research activities both as the career and as the token of interest
- Soft skills and personality of the candidate will be improved
- Competency capacity, confidence of the candidate will also be enhanced

COURSE OUT COME

Course : B.A

DEPARTMENT OF HISTORY

- Sense of ancient monuments
- Invention of epigraphy's
- Educate the excavations
- Helps to improve tourism
- Helps to protect heritage building
- Review of history
- It inculcate good behaviour
- In helps to development in social life
- It helps to eradicate social evils

Higher Education

- B.Ed, MA, MSW, MBA, LLB and M.Ed
- Diploma in epigraphy, MA in Ancient History and Archaeology
- MA in MES (Middle Eastern Studies)

Career Prospects

- Administrative officers
- KAS and IAS officers, FDA and SDA
- Archaeologists, Curator, Officer of Musicology,
- Tourist guides and Tourism officer
- BPOs, PROs of IT, BT companies
- Teachers, Lecturers and Researchers

DEPARTMENT OF ECONOMICS

- To get preliminary idea of economic theory.
- To study the behaviour of Indian economy.
- To determine economic variables including inflation, unemployment, poverty, Gross Domestic Product, Balance of payment using statistical methods.
- To understand the behaviour of consumer and producer.
- To understand the theories of exchange among rational economic agents in variant market structure.
- To understand macroeconomic policies including fiscal and monetary policies.
- To understand economic growth and development.
- To look into gender related issues in contemporary India.

Higher Education

- Master of Arts in Economics, M. Phil and PhD in the same.
- MBA in Economics, Master of Arts in Applied Economics
- Master of Arts in Business Economics, Master of Arts in Development Economics
- Master of Arts in Econometrics, Master of Arts in Economics and Rural Development
- Master of Arts in Quantitative Economics, Master of Arts in Rural Economics
- Master of Business Administration in Economic Legislation
- Master of Business Administration in Macroeconomic Theory and Policy
- Master of Business Administration in Managerial Economics
- Master of Business Administration in Quantitative Techniques
- Master of Business Economics, Master of Science in Economics
- Master of Science in Quantitative Economics, Master of Science in Applied Econometrics
- Master of Science in Financial Economics and Administration

Career Prospects

- Education and Research, Retailing, System Analysis, Economist
- Economic Researcher, Sales Analyst, Investment Analyst
- Investment Administrator, Financial Service Manager, Securities Analyst Trainee

- Fixed Income Portfolio Manager, Foreign Trade Analyst, Market Research Analyst
- Cost Estimator , Competitive exams: IAS, IFS, IES , ISS and state SPC
- Accounting, Auditor, Banking and Finance, Insurance Investment
- Marketing, Stock Broker, Media Analyst, Management, Manufacturing
- Advertising and Communication

DEPARTMENT OF GEOGRAPHY

Knowledge

- Study the types of land and processes.
- Understand the structure, composition of different spheres of the earth and its Atmosphere.
- Understand importance of oceans, rivers and water and find the ways of their conservation.
- Understand the Function and types of Biogeography.
- Understand the science of Remote Sensing.

Higher Education

- M.Sc in Geography, M.Sc in GIS, M.Sc in Geo-informatics
- PG Diploma in GIS , M.Sc in Remote Sensing & GIS
- PG Diploma in Geographical Cartography
- M.Sc in Cartography, MSW, M.Lib & Information science
- B.Ed, LLB, MBA

Career Prospects

- Work as Teacher/lecturer/researcher
- Serve in cartographer in map making divisions of Government.
- Environmental consultant/ Pollution Control Officer
- Tour planner/Urban/Regional Planner
- Geographical Information System- officer/developer/technicians
- Landscape architects, Tourism officer, Demographer
- Hydrologist, Hazards waste management manager
- Serve as a Geographer,
- Serve as conservator in forest, Soil, Agriculture, Departments.
- Work in disaster and water resources management.
- Serve in forest department as forest conservator.
- Work in NGOs.
- **Competitive Sector--“Major subject to success”**
- State Level- FDA, SDA & Other Departmental Examination
- National Level- IAS, IFS, SSC, RRB, IBPS, LIC, postal department etc.

DEPARTMENT OF SOCIOLOGY

- Opening up of the study opportunities in life.
- Knowledge development socially and intellectually.
- Sociology has made great contribution to enrich human culture.
- Sociology studies role of the institutions in the development of the individuals.
- Sociology is of great importance in the solution of social problems.
- The value of sociology lies in the fact that it keeps us update on modern situations.
- Study of society has helped governments to promote the welfare of the tribal and marginalized communities.
- Sociology is useful as a teaching subject.
- It provides a basic understanding of human society, how social system work, how people's behaviour is modified by their circumstances.
- It helps in removing ignorance about human relationships.
- It helps us understand ourselves and our positions in society. It is a source of self-enlightenment and increases self understanding.
- The world we live in is in trouble. It besets with many dilemmas. Sociology guides us in sorting out such dilemmas. The world is shrinking in many ways too satellite TV, cell phone networks and internet have created many new conditions and problems. Contact between culturally different groups has increased enormously in the present time. Sociology helps in studying cultures of different societies in various circumstances.
- It is a useful preparation for our careers.

Higher Education

- M.A in Sociology, M.A in Women studies, diploma in women studies, B.Ed., M.Ed., MSW. , LLB. , M.Phil., Ph.D. etc.
- Competitive Exams: IAS, KAS, IPS, KPS, IFS, KES, FDA, SDA, PDO, RDO, KCS, RFO, RI.

Career Prospects.

- Teachers, Lecturers, Professors, SWO [Social Welfare Officer]
- CDPO [Child Development programme officer]
- LWO [Labour welfare officer], Assistant in research centres.
- NGO [Non government organisation], Wild life institute of India.
- Counsellors and Guide in Hospital, Rehabilitation centre/ counselling.
- Case management, Counsellor, Special Education centre
- Youth /Elder service, PRO [public relation officer]

DEPARTMENT OF POLITICAL SCIENCE

- Enables the students to grasp the knowledge of political ideals and social & political philosophy, fosters knowledge about constitutionalism and comparative constitutional system.
- Learns about the politics of India along with constitutional structures and institutions.
- Enriches the knowledge of students about western political thinkers of the ancient and medieval period.
- Efforts are being made to appraise the global and regional politics along with the interstate relationship.
- Develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge.
- Knowledge about political system of the nation.
- Study of national and international political affairs.
- Study from competitive examination point of view.
- Understanding the government mechanism, its functions, duties and responsibilities.
- Creating appropriate and efficient political leaders.
- Getting knowledge of political law.
- Getting knowledge of Constitution of India.

Higher Education

- M.A. in Political science, M. Phil and PhD
- Political Psychology of International relations MSc
- B.Ed, LLB and LLM, PG diploma in Political science
- Diplomacy MA/PGDip, International Political Economy MA/PGDip
- International Security and Terrorism MA/PGDip
- Politics MA/PGDip, Diploma in Rural Development
- Political science Researcher

Career Prospectus

- Teaching from college to University level, Political scientist
- Political Journalist , Print media as well as television
- UPSC and state PSC: IAS, IFS,
- Assistant/Secretary to Ministries/Departments/Organizations

Course : B.Sc

DEPARTMENT OF PHYSICS

- Acquired substantial knowledge in physics, basic knowledge in mathematics and knowledge in supported fields like computer science
- The work with the specialization in solid state physics/ nuclear physics gives special expertise within one of the areas of specialization represented at the PG Department of physics.
- Had some research experience within a specific field of physics, through a supervised project (the master thesis) are familiar with contemporary research within various fields of physics
- The master of science in physics provides the candidate with knowledge, general competence and analytical skills on an advanced level, needed in industry, consultancy, education, research or public administration
- Can combine and use knowledge from other disciplines
- Can critically and independently assess and evaluate research methods and results
- Understands the role of physics in society and has the background to consider ethical problems

Higher Education

- B.Ed, M.Sc [Post graduation], After completing M.Sc in Physics
- Take CSIR/ NET/ KSETY/ GATE, Join for Ph.D / M.Phil
- After Ph.D PDF [Post doctoral fellow], Scientist

Career prospects

- Assistant professor in first grade college
- Any competitive examinations [IAS, KAS,etc]

- Job opportunities in MNC companies,
- Job opportunities in factories

DEPARTMENT OF CHEMISTRY

After completion of degree in chemistry, students gained the theoretical as well as practical knowledge of handling chemicals. Also they have a knowledge related to the field of food safety, pharmaceutical and health applications they have the knowledge of scientific reasoning and analytical problem solving with a molecular perspective. Achieve the skills required to succeed in chemical industries like cement industries, chemical product, agro product, paint industries, rubber industries, petrochemical industries, food industries and fertilizers industries etc. Got exposures to experimental techniques using modern instrumentation? Understand the importance of the elements in the periodic table including their physical and chemical nature and the role in the daily life. Understand the concept of chemistry to interrelate and interact to the other subjects like mathematics, physics and biological science etc. Learn the laboratory skills and safety to transfer and interpret knowledge entirely in the working environment.

Higher Education

A chemistry graduate is having wide opportunities in higher education. He is having the following higher education areas to study

For example: M.Sc in chemistry, organic chemistry, analytical chemistry, inorganic chemistry, clinical informatics, forensic nanotechnology, drug chemistry, medicinal research etc.

Career Prospects

Graduates from this course will be better prepared to understand the new environment friendly systems and can understand the processes in chemical industry. The following are the various career opportunities for a chemistry graduate.

Analytical chemist, biomedical chemist, quality controller, safety health and environmental specialist, teacher, chemical engineering associate, industrial research scientist, lab chemist, production chemist etc.

DEPARTMENT OF MATHEMATICS

- Understand the applications of Mathematics in daily life
- Demonstrate an understanding of the foundations and history of Mathematics
- Perform computations in higher Mathematics
- Applications of Mathematical ideas to world problems
- Communicate Mathematical ideas with others
- Utilize technology to address mathematical ideas
- Write and understand basic proofs, Develop problem solving skills
- Time management, Quantitative reasoning
- Analytical thinking, Students can get attractive scholarships
- Helps to strengthen analytical skills, Exercises the brain
- Creativity, Facilitates to improve technology
- Important to modern society
- Plays very important role in understanding economy, physical science, business, financial services, technology and many areas of ICT
- Managing money, Preparing food
- Understanding the concept of profit and loss

Higher Education

- Can perceive B.Ed by choosing Mathematics as methodology
- Masters in Mathematics, Statistics, M.phil, Phd,

Career Prospects

- Great employment opportunities
- Employment opportunities in research and development fields
- Better career opportunities as Mathematics Teachers in primary, higher primary and in high schools
- Lecturer and Assistant professor in Mathematics at pu and first grade colleges
- In Banking sectors, Data analyst, Research scientist (Maths), Statistician, operational researcher, financial trader etc

DEPARTMENT OF BOTANY

Botany is the scientific study of plants. It includes the study of their structure, how they grow, how they can be effectively classified, the things that impact their development etc. It is important in the area of economic productivity because it is involved in the study of crops & ideal growing techniques that helps farmers to increase crop yield. It is also important in protecting environment almost all the organisms present on earth depend on plants & their products for their routine requirements either directly or indirectly.

History of Botany examines the human effort to understand life on earth by tracing the historical development of discipline of Botany. It also helps in biodiversity conservation.

Practical & field knowledge of plants helps in identifying the position of plants in the broad classification & phylogenetic level. Comparative account of plants explains how the theory of evolution offers the only scientific explanation for the unity & diversity of life on earth. By the knowledge of Botany, people will be able to explain how plants function at the level of gene, genome, cell, tissues flower development etc. drawing upon this knowledge they will be able to give specific examples of the physiological adaptation, development, reproduction, mode of life cycle, ecological interconnection of life on earth etc.

The result of botanical research increases & improves our supply of medicines, foods, fibers, building materials & other plant products. Conservationists use botanical knowledge to help manage parks, forests, range lands & wilderness areas, environment professionals use to solve pollution problem.

Plant science, as it is integrated with other physical & biological branches of science, with this background of great diversity in plant sciences, people with many different background, abilities & interests can find a satisfying career in botany.

Plant biologists can work in the department of Agricultural Science, including the medicinal plant resource. They can also work in National park, service. The bureau of land management, Environmental protection Agencies, Nature conservancy services etc. Most of the plant biologists recruit in Drug companies, Oil industries, Chemical industries, Geological survey department, Biotechnology firms, Fermentation industries etc. so that they will get

wide option to build their carrier. Totally botanical knowledge is very much essential to everyone for their routine life.

DEPARTMENT OF ZOOLOGY

Zoology makes a huge impact on our world through the scientific study of the evolution, anatomy, physiology, behaviour, habitats, & health of animals & humans. By studying animals we develop a better understanding of how we, ourselves, function & interact with the world around us. By using scientific methodology one who can become entrepreneur like aquaculture, sericulture, vermiculture etc.

D. in the zoology public & private sectors. Candidates find jobs as animal behaviourist, conservationist, wild life biologist, zoo curator, wild life educator, zoology faculty, forensic experts, lab technicians, veterinarians.

Studying Zoology provides you with specialist knowledge in areas like Ethology (the science of animal behaviour), animal biology, conservation and ecology. Jobs directly related to zoology include: animal nutritionist, ecologist, environmental consultant, marine scientist, nature conservation officer etc.

You develop practical experience of modern laboratory & field research techniques, giving you a range of technical skills. You also gain a strong set of transferable skills, including:

Analytical skills: to understand, interpret & manipulate complex scientific data & statistics,

Data handling skills: to record, collate & analyse data using appropriate techniques & equipment

Presentation & oral communication skills : to present research findings & make presentation in clear, succinct way.

Project management skills: organizing & undertaking research projects & experiments (include budgeting, contingency planning & time management)

Higher Education

- M.Sc. Zoology, M.Sc. cardiac perfusion technology
- M.Sc. biomedical technology, M.Sc. health care sciences
- M.Sc. molecular biology, M.Sc. bio organic chemistry
- M.Sc. medical physiology, M.Sc. biotechnology

DEPARTMENT OF COMPUTER SCIENCE

After completing the graduation in the Bachelor of Science in PMCs the students gain

Knowledge

- Conduct himself as a responsible citizen.
- Apply fundamental knowledge of Physics, Mathematics and Computer Science to solve real life problems in their chosen domain.
- Understand, analyze, identify, formulate and design computer based solution to solve the real world problems using modern computing tool and techniques
- Demonstrate skill of Computer Science in Data Structures and Programming Languages, Databases, Software Engineering, Computer Networking, Cyber Security.
- Develop competence to write competitive examinations.
- Work as a member of a team and communicate effectively across team members.
- Inherent skills with absolute focus to function as a successful entrepreneur.

Higher Education

- Can Pursue Higher studies as PG Courses as MCA, MSc, MSc IT, MS, MBA & BEd, LLB etc.
- PGDM programs, Advanced Diploma Technical courses.

Career prospects

- Acquire higher degrees to work in colleges, universities as professors or as scientists in research establishments or business administrators.
- Find career opportunities as System Engineer, Software tester, junior programmer, Web developer, System Analyst, Network administrators, Hardware developer, Software Developer.
- BSc computer science graduates have access to jobs in Banking, consultancies and relevant government departments.
- Can take exams like IIT JAM, JEST, TIFR GS, JNUJEE, NEST, ICAR AIEEA, AIIMS MSc, BINC, INAT, GATE Science.
- Can take exams like KAS, IAS, IFS, IRS, IPS, KES, FDA, SDA etc.
- Government job exams as Railways, police, Military, Post office, Banking etc.

DEPARTMENT OF BCA

After completing the graduation in the Bachelor of Science in BCA the students gain

Knowledge:

- Work effectively both as an individual and a team leader on multi disciplinary projects.
- Inculcates the ability to analyze, identify, formulate and develop computer applications using modern computing tools and techniques.
- Improve communication skills to effectively present technical information in oral and written reports
- Create design innovative methodologies for solving complex/ real life problems for the betterment of the society.
- Integrate ethics and values in designing computer application.
- Promote the use of open source technology.
- Become an educated, ethical and responsible citizens
- Develop competence to write competitive examinations
- Demonstrate skill of Computer Applications in Data Structures and Programming Languages, Databases, Software Engineering, Computer Networking, Cyber Security, Web designing, Image Processing, Big data analysis, etc.

Higher education

- Can Pursue Higher studies as PG Courses as MCA, MSc, MSc IT, MS, MBA etc.
- PGDM programs
- Advanced Diploma Technical courses.

Career prospects:

- A successful professional career in software industry, government, academia, research, banking, Railways, Police, Military, Post office, consultancies and other areas where computer applications are deployed.
- To become a software entrepreneur.
- Find career opportunities as System Engineer, Software tester, Programmer, Web developer, System Analyst, Network administrators, Hardware developer, Software Developer, Ethical Hacker.
- Can take exams like IIT JAM, JEST, TIFR GS, JNU EE, NEST, ICAR AIEEA, AIIMS MSc, BINC, INAT, GATE Science.
- Can take exams like KAS, IAS, IFS, IRS, IPS, KES, FDA, SDA etc.

- Career Opportunities
- It enriches the knowledge and opens windows to get jobs in MNCs both in India and abroad.
- It helps the students to clear competitive examinations like IAS, KAS and Bank.
- With English knowledge one can become a Journalist, author, debater RJ & so on.

DEPARTMENT OF HINDI

- Opening up of the study opportunities in Life.
- Better Job opportunities in Administrative, Banking and Translation Field.
- Increasing language efficiency, Knowing different types of culture and living style.
- Provide life security, satisfaction and personal development.
- Spreading our culture worldwide through HINDI.
- Students can complete National Level Exams.

After B.A/ B.Com/ B.Sc.(Language or optional subject- Hindi)

- B.Ed Hindi Medium
- B.Ed. in Hindi
- P.G. in Hindi and Hindi Medium
- M.Ed. Hindi
- Ph.D
- Diploma in Translation

Career Prospects

- Higher Job opportunities in State and Central Government Sectors and Private sectors.
- Helps in Research.
- Conduct Tutorial Classes in teaching language which helps to enhance our financial status.
- Attractive scholarships for higher studies.
- Competitive Exams like:- SDA, FDA, SLET, NET, UPSC, IPS, IAS. Etc.
- Translators

DEPARTMENT OF SANSKRIT

- Competence in academic writing and oral presentation skills.
- Advanced knowledge of Ancient Indian philosophy, Literature and History .
- More information about one's culture and tradition.
- Enables them to enhance their language skills.
- Creating an interest in literature.

Higher Education (Language- Sanskrit)

- B.Ed, M.A/ MPhil/ PhD, Jyotishya / Vaastushastra
- Manuscript logy, M.A (Education), MBA
- Shastri, Acharya

Career Prospects

- Teacher/ Lecturer /Researcher, Translators/Interpreters
- Voice Associate jobs, Sanskrit Typist
- Media and Mass communication
- Consultant(Sanskrit Proof Reading)

M.Com

- Accounting, Business Management
- Corporate Governance, Human Resource Management
- Economics, Statistics,
- Research methodology, Taxation

Career Prospects :

- M.Com students have good opportunities in the following sectors:
- Auditing, Banking and finance, Marketing segment
- Fund management, Management consulting
- HR manager, Lecturer, Entrepreneur
- Along with these above options students can also peruse Doctoral Degree in their specialized areas.

~*~*~*~*~