

**Indraprastha New Arts Commerce and Science
College, Wardha**

**Course Outcome, target setting and
attainment is well defined, and executed**



Indraprastha New Arts Commerce and Science College, Wardha (Maharashtra)

Address: Batchelor Road Nalwadi, Wardha: 442001

Web address: www.nacscwardha.org

Bachelor of Arts (BA)

Vision

To enrich the *young* minds with great literary works and enhance the moral values of the students.

Mission

To impart education with the virtues of ethical values, sense of equality and peace in young minds and enable them to reach intellectual maturity to become inspired leaders nationally and globally.

Program Educational Objectives (PEOs)	
<i>The graduate will</i>	
PEO1	Comprehend the world of Literature and diverse literary works.
PEO2	Acquire a thorough knowledge on the historical, literary and theoretical aspects of Literature
PEO3	Develop a flair for the English Language and understand the various techniques and patterns employed in various literatures
Program Outcomes (POs)	
<i>At the end of the B.Com Programme, graduates will be able to</i>	
PO1	Gain a complete exposure to Literature.
PO2	Get transformed into accomplished and active readers, enabling the students to focus on their higher studies.
PO3	Value literature and humanity.
PO4	Explore how literary works were written leading to research thinking and exploration.
Program Specific Outcomes (PSOs)	
PSO1	Knowledge of foundational texts and literature would have enhanced
PSO2	Understanding of the historical and cultural range of literature

PSO3	Understanding of the development of the language as used in works of literature.
-------------	--

B.Sc. (Computer Science)

Vision:

To edify our students on multiple programming paradigms and to disseminate knowledge in computing with societal concern.

Mission

- Provide excellent undergraduate education in a state-of-the-art environment, preparing students for careers as computer professionals in industry, government and academia
- Advance the quality and impact of research with educational experience nationally and internationally
- Support students for their career development, professional growth and to sustain in lifelong learning

Program Educational Objectives (PEOs)	
<i>The graduate will</i>	
PEO1	Graduates are prepared to be employed in IT industries by providing expected domain knowledge.
PEO2	Graduates are provided with practical training, hands-on and project experience to meet the industrial needs.
PEO3	Graduates are motivated in career and entrepreneurial skill development to become global leaders.
PEO4	Graduates are trained to demonstrate creativity, develop innovative ideas and. to work in teams to accomplish a common goal.
PEO5	Graduates are addressed with social issues and guided to operate problems with solutions.
Program Outcomes (POs)	
<i>At the end of the B.Sc CS Programme, graduates will be able to</i>	

PO1	Critical Thinking: Apply knowledge of Computer Science to identify, analyze problems and to provide effective solution in the area of Computing.
PO2	Analytical skill: Ability to design, develop algorithms and provide software solutions to cater the industrial needs.
PO3	Employability Skills: Inculcate skills to excel in the fields of Information Technology and its Enabled services, Government and Private sectors, Teaching and Research.
PO4	Ethics: Instill ethical responsibilities, human and professional values and make their contribution to the society.
PO5	Self Directed and Life-long Learning: Engaged in lifelong learning to equip them to the changing environment and be prepared to take-up mastering programmes.
Program Specific Outcomes (PSOs)	
PSO1	Professionally trained in the areas of programming, multimedia, animation, web designing, networking and to acquire knowledge in various domain based electives.
PSO2	Abet students to communicate effectively and to improve their competency skills to solve real time problems.
PSO3	The ability to employ modern computer languages and applications for their successful career, to create platforms to become an entrepreneur and a relish for higher studies.

B.Sc. (Mathematics/Physics/Chemistry)

Vision:

To become a premier center, promoting Mathematics/Physics/Chemistry locally and globally

Mission

To materialize the vision, the Department of Mathematics/Physics/Chemistry focuses on the following:

- To provide necessary background
- For producing a meaningful career in Mathematics/Physics/Chemistry and related fields
- For acquiring, Mathematics/Physics/Chemistry skills and employability skills

Program Educational Objectives (PEOs)

PEO1	Graduates will develop the skill to write entrance exam conducted by IIT's/Universities to pursue PG and Integrated Ph.D and will shine as great Mathematicians
PEO2	Graduates to develop confidence to appear for SSC (CGL), IBPS, RRB and Civil services exam and will occupy higher posts in administrative level.
PEO3	Graduates will prepare in advance to appear for TRB after completing B.Ed and become a dedicated faculty.
PEO4	Graduates develop teaching skills, Subject knowledge in the course of their study which will help them to shine in various fields including Education, IT, etc.
PEO5	Graduates will use their course as a training ground to develop their positive attitude, skills which will enable them to become a multi facet personality shining in any chosen field.

Program Outcomes (POs)

At the end of the B.Sc Mathematics/Physics/Chemistry Programme, graduate

PO1	Acquires the ability to understand and analyze the problems.
PO2	Develops the skill to think critically on abstract concepts of Mathematics.
PO3	Acquires the ability to think independently paving way for life long learning
PO4	Analyses the situation, make a mathematical problem and find its solution.
PO5	Enhances Logical reasoning skills, arithmetic skills, aptitude skills communication skills, self confidence for better employability.
PO6	Formulates and develops mathematical arguments in logical manner.
PO7	Provides a systematic understanding of the concepts and theories of mathematical and computing their application in the real world.

Program Specific Outcomes (PSOs)

PSO1	Understands the basic concepts of advanced Mathematics.
PSO2	Develops the problem solving skill.
PSO3	Creates Mathematical Models.

Bachelor of Commerce (B.Com)

Vision:

To develop a centre of excellence for commerce education, training and research

Mission

To materialize the vision, the Department of B.Com focuses on the following:

- To provide the best knowledge and offer practical training to students in the field of commerce.
- To continuously evaluate the performance against benchmarking institution.
- To groom students with IT skills and values for global competency and transform them into ideal citizens of our country.

Program Educational Objectives (PEOs)

The graduate will

PEO1	Possess wide spectrum of managerial skills along with competency building qualities in specific areas of business studies.
PEO2	Exercising Professional skills, values, team spirit, and high leadership and to accept the challenges in the Industry and Academics.
PEO3	Excel in contemporary knowledge of business and developing inclination towards lifelong learning

Program Outcomes (POs)

At the end of the B.Com Programme, graduates will be able to

PO1	Have comprehensive knowledge of Finance, Accounting, Taxation and Business laws.
PO2	Equip with professional, inter personal and entrepreneurial skills.
PO3	Gear up with updated knowledge in implementing business practices
PO4	Prepare for post graduate studies and to achieve success in their professional careers.

Program Specific Outcomes (PSOs)

PSO1	To cater to the manpower needs of companies in Accounting, Taxation, Business
-------------	---

	Laws, Auditing, Financial analysis and Management.
PSO2	To enrich communication, ethical values, team work, professional and leadership skill sets of students.
PSO3	To inculcate entrepreneurship and managerial skills in students so as to enable them to establish and manage their business effectively
PSO4	To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students with an assurance for good careers.

B.Com. (Computer Applications)

Vision

To synthesize the stakeholders energy for an international recognition in the field of commerce with computer applications.

Mission

- To enable the students to play vital role in the field of commerce with digitalization.
- To provide a platform to enhance technical, accounting and business skills for developing
- Computer based solutions for business problems.
- To impact and train the students both theoretically and practically to get acquainted business organisations
- To create excellent citizens through holistic and value based education.

Programme Educational Objective (PEO)	
<i>The graduate will</i>	
PEO1	possescompetent skills in micro areas like Accounting, Taxation, Banking, Insurance and E-Commerce.
PEO2	be able to find solutions to the real time problems in the business with the specialized knowledge developed through practical training.

PEO3	develop a programme for system based applications and web page creation for business enterprises.
PEO4	work in teams with enriched communication and intellectual skills.
Programme Outcome (PO)	
<i>At the end of the programme, graduating students/graduates will be able to</i>	
PO1	Gain knowledge in commerce and accounting software for corporate requirements.
PO2	Get employment in IT fields, Software, Banks, Companies, BPOs and KPOs.
PO3	Demonstrate professional ethics in the social and legal aspects of commerce.
PO4	Integrate the ethical behavior in self-learning, apply towards lifelong learning and acquiring knowledge in modern corporate and the IT sector.
Program Specific Outcome (PSO)	
PSO1	Understand the concepts of commerce and computer application operations.
PSO2	Apply the current techniques, skills, and tools necessary for computing practices.
PSO3	Ability to design, implement domain knowledge for computer programming.

Bachelor of Business Administration (BBA)

Vision:

To create a successful and competent Business Professionals

Mission

To materialize the vision, the Department of BBA focuses on the following:

- We provide students with a comprehensive business education to make them to meet the competitive business world.
- To empower socially responsible citizen.
- To offer professional development training and career management opportunities for our students.

Program Educational Objectives (PEOs)

The graduate will

PEO1	Graduates will be expertise in the area of leadership, interpersonal skills, entrepreneurship, and marketing.
PEO2	Graduate will competent the global competitive world more professionally.
PEO3	Graduate be a responsible citizen and lead the business with moral and ethical value.

Program Outcomes (POs)

At the end of the BBA Programme, graduates will be able to

PO1	Acquire knowledge and skills in the field of management, accounting, marketing and human relations.
PO2	Apply the entrepreneurial and managerial skills for effective and business management.
PO3	Acquire employability skills through the practical awareness on the IT in management.
PO4	To comprehend applicability of management principles to situation in global business world.
PO5	Develop legal and ethical value for the continuous development of business venture.

Program Specific Outcomes (PSOs)

PSO1	Remember the concept of management principles, accounting and marketing operations.
PSO2	Understand the leadership skills through internship training.
PSO3	Apply the managerial knowledge in the business for effective decision making.
PSO4	Demonstrate critical thinking skills in understanding managerial issues and

problems related to the global economy and international business.
--

M.Sc. (Computer Science)

Vision

To be the premier department in technical research aspects of IT and ITES

Mission

- Motivate the student to qualify for good results and prepare the students for independent growth and progressive careers for long – term professional employment.
- Attain leadership in planning and resource management so as to improve upon the quality of technical education
- Make the department vibrant and support the developmental activities of the college
- Make contributions in areas of emphasis such as faculty, modern labs, and department library.

Program Educational Objectives (PEOs)

The graduate will

PEO1	Domain Expertise: apply and continuously acquire knowledge, both theoretical and applied, related to core areas of computer science;
PEO2	Computing Skills and Ethics: Demonstrate the ability to work effectively as a team member and/or leader in an ever-changing professional environment;
PEO3	Lifelong Learning and Research: work productively as computer professionals (in traditional careers, graduate school, or academia) by: demonstrating effective use of oral and written communication, working competently as a member of a team unit, adhering to ethical standards in the profession.

Program Outcomes (POs)

At the end of the Master of Computer Applications Programme, graduating students/graduates will be able to

PO1	Domain Expertise: communicate computer science concepts, designs, and solutions effectively and professionally;
PO2	Computing Skills and Ethics: apply knowledge of computing to produce effective designs and solutions for specific problems;
PO3	Lifelong Learning and Research: identify, analyse, and synthesize scholarly literature relating to the field of computer science;
PO4	Modern Tool Usage: use software development tools, software systems, and modern computing platforms.
PO5	Social Contribution: an understanding of professional, ethical, legal, security and

	social issues and responsibilities
PO6	Ethics: capable of evaluating personal and professional choices in terms of codes of ethics and ethical theories and understanding the impact of their decisions on themselves, their professions, and on society
PO7	Life Long Learning: apply design and development principles in the construction of software systems of varying complexity.

M.Sc (Mathematics)

Vision

- To enhance the logical and analytical skills in solving problems.
- To inculcate research culture among the students.

Mission :

To organize, connect, create and communicate Mathematical concepts effectively through 4D's – Dedication, Determination, Discipline and Direction.

Program Educational Objectives (PEOs)

The graduate will

PEO1	have the ability to pursue interdepartmental research in Universities in India and abroad.
PEO2	have the ability to pursue interdepartmental research in Universities in India and abroad.
PEO3	have the caliber to work in foreign Universities.
PEO4	shine in higher level of administration like IAS, IPS officers in Nationalized Banks, LIC, and etc.,
PEO5	run renowned Educational institutions to serve the society.

Program Outcomes (POs)

At the end of the M.Sc., (Mathematics) programme, the graduates will be able to

PO1	Identify, formulate, and analyze the complex problems using the principles of Mathematics.
PO2	Solve critical problems by applying the Mathematical tools.

PO3	Apply the Mathematical concepts , in all the fields of learning including higher research, and recognize the need and prepare for lifelong learning.
PO4	Able to crack competitive examinations, lectureship and fellowsip exams approved by UGC like CSIR – NET and SET
PO5	Apply ethical principles and commit to professional ethics, responsibilities and norms in the society.
Program Specific Outcomes(PSOs)	
PSO1	Understand the basic concepts of advanced Mathematics.
PSO2	Develops the problem solving skill.
PSO3	Creates Mathematical Models.

M.Com.

Vision

To become a Centre of Academic Excellence with total commitment to Quality Education in Commerce with finance specialization

Mission

- To train finance professional and entrepreneurs with ethical values
- To strengthen the programme in the area of research focusing on social relevance
- Providing holistic development of students
- Employability through Activity Based learning

Program Educational Objectives (PEOs)

The graduate will

PEO1	Become successful entrepreneurs and finance professionals in the field of Banking, Insurance, Manufacturing industries and IT sectors.
PEO2	Integrates cognitive and analytical skills to manage financial aspects
PEO3	Sensitizing Professional ethics and societal needs with their holistic development
PEO4	Make a foundation to pursue career in teaching and for advance studies

Program Outcomes (POs)	
<i>At the end of the B.Com Programme, graduates will be able to</i>	
PO1	Apply relevant financial tools in Manufacturing and Service operations.
PO2	Apply research technique for decision making
PO3	Ability to use accounting software
PO4	Acquire Technical and decision making skills (in the area of Accounting, Taxation, Portfolio analysis and and E Commerce
PO5	Develop creativity in the area of Marketing
Program Specific Outcomes (PSOs)	
PSO1	Application of financial tools in Projects and in real time Business helps in Decision making
PSO2	Using statistical tools in Behavioural research for business decision making
PSO3	Adapt to recent changes in Marketing, Human Resource, Taxation, Environment and in investment of securities
PSO4	Analyse and evaluate the operation of the business related issues. .

Master of Social Work (MSW)

Vision

To envision “A Better Society worth to live through Individual and Social Change”

Mission

- To create and disseminate knowledge about individual, community, and organizational concerns, social issues, social policy and practice interventions, within a tradition of multi-disciplinary and multi-professional research.
- To transmit, develop, critically examine, and apply knowledge to advance social work practice and social welfare policy in order to promote social, cultural and economic justice for the betterment of poor, vulnerable, and oppressed individuals, families, groups, communities, organizations, and society.

- Transcending traditional administrative knowledge by drawing in government efforts, non-profits, and entrepreneurial ventures

Program Educational Objectives (PEOs)	
<i>The graduate will</i>	
PEO1	Developing Professional Skills: To make them competent professional with their required skills to provide professional services, integrating interdisciplinary knowledge and Social Work values with practices to address social needs.
PEO2	Ethics and Social Responsibilities: Develop a professional identity as a social worker by applying professional values and ethics to social work practice. Understand the responsibility of conducting or transferring one's knowledge, skills and expertise to community (Community can incorporate local, municipal, national and international scope).
PEO3	skill and Leadership Social Entrepreneur Programme Outcomes: To attain Professional Knowledge and practice to work in different fields of Social Work in different fields and also can become Social Entrepreneur establishing their own concerns
Program Outcomes (POs)	
<i>At the end of the B.Com Programme, graduates will be able to</i>	
PO1	Understanding of Social Work: Make the student understand social work as a profession and to recognize the need and importance of social work education training and practice.
PO2	Developing Professional Skills and Team Work: Enhancing necessary skills such as assessment skills, communication skills, advocacy and leadership, problem solving skills, critical thinking skills, respect for diversity, intervention skills, documentation skills, organizational skills, understanding of human relationships.
PO3	Problem Analysis and Development of Solution: Attitudes and values necessary for working with people and organization for, enhancing peoples capacity for social functioning, improving the quality of life for

	everyone, promoting social justice, providing opportunities for people to develop their capacities to become participating and contributing citizens.
PO4	Research and Application: Provides leadership by conducting empirical research activities designed to shape more effective public/tribal family intervention practices and provide supporting data for policy changes that enhance family well-being.




PRINCIPAL
New Arts, Commerce & Science
College, WARDHA