



College of Arts,
Science &
Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Welcome to Students and Parents

For

Orientation Session for First Year Undergraduate Admissions

Under National Education Policy (NEP - 2020)

Effective from Academic Year 2023-24

Venue: Auditorium

Day & Date: Wednesday, 31st May 2023

‘Educating the mind without Educating the heart, is no Education at all - Aristotle’



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SIES College – Journey towards Academic Excellence

- ✓ ***Established in 1960***
- ✓ ***Reaccredited by National Assessment & Accreditation Council (NAAC) with 'A' Grade***
- ✓ ***Best College Award by University of Mumbai***
- ✓ ***Autonomous College (Affiliated to University of Mumbai)***
- ✓ ***Multi faculty and Multi disciplinary Courses - Arts, Science & Commerce;
Self Financed Courses; Undergraduate, Postgraduate and Ph.D programmes***
- ✓ ***Qualified & Committed Faculty - Teachers as Mentors***
- ✓ ***Outcome Based Education - Learning objectives & Learning outcomes***
- ✓ ***Co-Curricular & Extra Curricular Activities - All round personality development***
- ✓ ***Lead college - Implements National Education Policy***



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National Education Policy (NEP – 2020) – Aim & Objectives

- ✓ ***Visionary & Transformative - restructures & redesigns education system in India***
- ✓ ***Quality higher education - promotes human as well as societal well-being***
- ✓ ***All round development - good, thoughtful, well-rounded, & creative individuals***
- ✓ ***Holistic & multidisciplinary - freedom to students to shape their future***
- ✓ ***Flexibility & Choice Based - students choose according to their talents & interests***
- ✓ ***Concept based learning - critical thinking, reasoning, problem solving ability***
- ✓ ***Personality development - leadership, teamwork, decision-making, creativity***



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National Education Policy (NEP – 2020) – Scope & Relevance

- ✓ ***Undergraduate (UG) degree programmes - either 3-year or 4-year duration***
- ✓ ***Multiple entry & exit points and re-entry options - with appropriate certifications***
 - ***UG certificate - after completing 1 year (2 semesters) of study***
 - ***UG diploma - after 2 years (4 semesters) of study***
 - ***3-year Bachelor's degree - after 3 years (6 semesters) programme of study***
 - ***4-year Bachelor's degree (honours) - after 4 years (8 semesters) programme of study***
 - ***4-year Bachelor's degree (honours with research) - after 4 years (8 semesters) programme of study, if the student completes a research project in major area(s) of study***



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National Education Policy (NEP – 2020) – Definitions, Glossary of few terms

- ✓ ***Semester: A semester comprises 90 working days (around 15 weeks) and an academic year is divided into two consecutive semesters (1 odd + 1 even).***
- ✓ ***Credit: A credit also referred to as Academic Credit, is a unit by which the coursework is measured. It actually determines the number of hours of instructions required per week over the duration of a semester (around 15 weeks).***
- ✓ ***Award of Credit: 1 Credit means the standard methodology of calculating one hour of theory/lecture or one hour of tutorial or two hours of laboratory/practical work per week for a duration of one semester (around 15 weeks) resulting in award of 1 credit.***



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National Education Policy (NEP – 2020) – Definitions, Glossary of few terms

- ✓ ***Major subject: It is the subject of main focus and the degree will be awarded in that subject, provided that students should secure the prescribed number of credits (about 50% of total credits) through core courses in the major subject.***
- ✓ ***Minor subject: It helps a student to gain a broader understanding beyond the major subject. For example: if a student is pursuing Chemistry as a major subject, and also obtains a minimum of 18-20 credits from courses in Botany, then, such a student will be awarded with B.Sc Degree with Major in Chemistry & Minor in Botany.***



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National Education Policy (NEP – 2020) – Definitions, Glossary of few terms

- ✓ ***Elective course: A course which can be chosen from a pool of courses, & which can be specific or supportive to the subject of study or which enables exposure to some other subject/discipline or which nurtures student's proficiency or skill.***
- ✓ ***Generic Elective (GE) or Open Elective (OE): An elective course generally chosen from an unrelated subject/discipline with the intention to seek multidisciplinary exposure.***
- ✓ ***Department/Subject Specific Elective (DSE): A pool or basket of credit courses of the major subject.***



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- ✓ ***Vocational Skill Course (VSC): Courses which are aimed at providing hands-on training, competencies, proficiency to students to enhance skill & employability.***
- ✓ ***Skill Enhancement Course (SEC): Courses which are aimed at imparting practical skills, nurturing soft skills etc., to enhance the employability of students.***
- ✓ ***Ability Enhancement Course (AEC): Courses which are aimed at enabling the students to acquire & demonstrate the core linguistic skills, achieve competency in Modern Indian Language (such as Marathi/Hindi among others) and in English Language.***



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- ✓ ***Value Education Course (VEC): Courses which are based upon the content that leads to knowledge enhancement through various areas of study such as Understanding India, Constitution of India, Environment studies, Sustainable Development.***
- ✓ ***Indian Knowledge System (IKS): Courses which will make students aware of the vast repositories of ancient traditional knowledge in India in fields such as Literature, Culture, Indian traditional systems of medicine, Astronomy, Yoga, Arthashastra, etc.***



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- ✓ ***Co-Curricular Courses (CC): Courses which will provide student's a sense of identity & belonging, as well as appreciation of other cultures & identities; example: courses such as National Cadet Corps (NCC), National Service Scheme (NSS), Yoga education, Health & Wellness, Sports, Cultural activities, Fine/Applied/Visual/Performing Arts.***
- ✓ ***Field Project (FP): Courses requiring students to participate in field-based learning or projects to study actual field situations regarding issues related to socio-economic development in rural and urban settings.***



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- ✓ ***Internship/Apprenticeship or On Job Training (OJT): A course requiring student's to participate in a professional activity or work experience, with an entity external to the educational institution. Internships involve working with local industry, government or private organizations, etc. to provide opportunities for students to actively engage in on-site experiential learning.***
- ✓ ***Community Engagement and Service (CEP): It will involve activities that would expose students to socio-economic issues in society, so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems.***

Credit structure for First Year Undergraduate Degree Programme under NEP effective for 2023-24

Semester	Subject 1		Subject 2	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT,FP,CEP, CC	Credits/ Semester	Degree / Cumulative Credits
	Mandatory	Electives							
I	4 Credits		4 Credits	4 Credits	VSC of Subject 1 - 2 Credits SEC - 2 Credits	AEC - 2 Credits (English) VEC - 2 Credits (Environmental Studies) IKS - 2 Credits (Generic Based IKS)	Nil	22 Credits	UG Certificate 44
II	4 Credits		4 Credits	4 Credits	VSC of Subject 2 - 2 Credits SEC - 2 Credits	AEC - 2 Credits (English) VEC - 2 Credits (Understanding India)	CC 2 Credits	22 Credits	
Total of I & II	8 Credits		8 Credits	8 Credits	8 Credits	10 Credits	2 Credits	44 Credits	

At the end of First Year and during admission to Second Year, the student will have to select from Subject-1 and Subject-2, one subject as Major and the other as Minor; Major subject is the subject of main focus, students should secure the prescribed number of credits (about 50% of total credits) through core courses in the major subject; Minor subject helps a student to gain a broader understanding beyond the major subject.

NEP: National Education Policy; OE: Open Elective; VSC: Vocational Skill Course; SEC: Skill Enhancement Course; AEC: Ability Enhancement Course; VEC: Value Education Course; IKS: Indian Knowledge System; OJT: On Job Training; FP: Field Project; CEP: Community Engagement and Service; CC: Co-Curricular Course

List of courses under Generic or Open Elective offered to First Year students for 2023-24

Title of the course for Generic or Open Elective for FYBSc – (General) students

***Semester I – Understanding the history of Mumbai; Semester II – An overview of cultural aspects of Maharashtra
(Course offered by Department of History)***

***Semester I – Basics of banking and finance; Semester II – Credit and Insurance market
(Course offered by Department of Economics)***

***Semester I – Stress management; Semester II – Consumer psychology
(Course offered by Department of Psychology)***

***Semester I – Fundamentals of advertising; Semester II – Introduction to e-commerce
(Course offered by Department of Commerce)***

Title of the course for Generic or Open Elective for FYBA students

***Semester I – Chemistry in Everyday Life - I; Semester II – Chemistry in Everyday Life - II
(Course offered by Department of Chemistry)***

***Semester I – Logical Reasoning & Mental ability; Semester II – Basic Astronomy
(Course offered by Department of Physics)***

***Semester I – Introduction to Elementary Statistics -I; Semester II – Introduction to Elementary Statistics -II
(Course offered by Department of Statistics)***

***Semester I – Landscaping & Urban Gardening; Semester II – Food Processing Technology
(Course offered by Department of Botany)***

***Semester I – Fundamentals of advertising; Semester II – Introduction to e-commerce
(Course offered by Department of Commerce)***

List of courses under Generic or Open Elective offered to First Year students for 2023-24

Title of the course for Generic or Open Elective for FYBCom students

***Semester I – Chemistry in Everyday Life - I; Semester II – Chemistry in Everyday Life - II
(Course offered by Department of Chemistry)***

***Semester I – Logical Reasoning & Mental ability; Semester II – Basic Astronomy
(Course offered by Department of Physics)***

***Semester I – Business Mathematics -I; Semester II – Business Mathematics -II
(Course offered by Department of Mathematics)***

***Semester I – Landscaping & Urban Gardening; Semester II – Food Processing Technology
(Course offered by Department of Botany)***

***Semester I – Understanding the history of Mumbai; Semester II – An overview of cultural aspects of Maharashtra
(Course offered by Department of History)***

***Semester I – Basics of banking and finance; Semester II – Credit and Insurance market
(Course offered by Department of Economics)***

Title of the course for Generic or Open Elective for FYBMS, FYBMS-CM, FYBAMMC students

***Semester I – Food and nutrition; Semester II – Introduction to forensic science
(Course offered by Department of Biotechnology)***

***Semester I – Web Designing - I; Semester II – Web Designing - II
(Course offered by Department of Computer Science)***

***Semester I – Business analytics using Excel; Semester II – Business analytics using R
(Course offered by Department of Data Science)***

***Semester I – Data Presentation and Visualization in MS PowerPoint; Semester II – Data Analysis in MS Excel
(Course offered by Department of Information Technology)***

***Semester I – Environment & Society; Semester II – Ecotourism
(Course offered by Department of Environmental Science)***

BMS – Bachelor of Management Studies; CM – Capital Market; BAMMC – Bachelor of Multi Media & Mass Communication

List of courses under Generic or Open Elective offered to First Year students for 2023-24

<i>Title of the course for Generic or Open Elective for FYBSc – BT, FYBSc – EVS students</i>
<i>Semester I – Data Presentation and Visualization in MS PowerPoint; Semester II – Data Analysis in MS Excel (Course offered by Department of Information Technology)</i>
<i>Semester I – Web Designing - I; Semester II – Web Designing - II (Course offered by Department of Computer Science)</i>
<i>Semester I – Business analytics using Excel; Semester II – Business analytics using R (Course offered by Department of Data Science)</i>
<i>Semester I – World of Media and Entertainment; Semester II – Understanding Cinema (Course offered by Department of Mass Media)</i>
<i>Semester I – Foundation of Human Skills; Semester II – Financial Literacy & Investing (Course offered by Department of Management Studies)</i>

<i>Title of the course for Generic or Open Elective for FYBSc – IT, FYBSc – CS, FYBSc – DS students</i>
<i>Semester I – Food and nutrition; Semester II – Introduction to forensic science (Course offered by Department of Biotechnology)</i>
<i>Semester I – World of Media and Entertainment; Semester II – Understanding Cinema (Course offered by Department of Mass Media)</i>
<i>Semester I – Foundation of Human Skills; Semester II – Financial Literacy & Investing (Course offered by Department of Management Studies)</i>
<i>Semester I – Environment & Society; Semester II – Ecotourism (Course offered by Department of Environmental Science)</i>

BT – Biotechnology; EVS – Environmental Science; IT – Information Technology; CS – Computer Science; DS – Data Science

Credit structure for 3-Year and 4-Year Bachelor's Degree Programme effective from 2023-24 onwards

Semester	Subject 1: Major		Subject 2: Minor	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT,FP,CEP,CC	Credits/Semester	Degree / Cumulative Credits
	Mandatory	Electives							
I	4 Credits		4 Credits	4 Credits	VSC of Subject 1-2 Credits SEC - 2 Credits	AEC - 2 Credits (English) VEC - 2 Credits (Environmental Studies) IKS - 2 Credits (Generic Based IKS)	Nil	22 Credits	UG Certificate 44
II	4 Credits		4 Credits	4 Credits	VSC of Subject 2-2 Credits SEC - 2 Credits	AEC - 2 Credits (English) VEC - 2 Credits (Understanding India)	CC - 2 Credits	22 Credits	
Total of I & II	8 Credits		8 Credits	8 Credits	8 Credits	10 Credits	2 Credits	44 Credits	
III	8 Credits		4 Credits	2 Credits	VSC - 2 Credits	AEC - 2 Credits (Hindi/Marathi)	FP- 2 Credits CC - 2 Credits	22 Credits	UG Diploma 88
IV	8 Credits		4 Credits	2 Credits	SEC - 2 Credits	AEC - 2 Credits (Hindi/Marathi)	FP- 2 Credits CC - 2 Credits	22 Credits	
Total of III & IV	16 Credits		8 Credits	4 Credits	4 Credits	4 Credits	8 Credits	44 Credits	
V	12 Credits	4 Credits	2 Credits		VSC - 2 Credits		FP/CEP - 2 Credits	22 Credits	UG Degree 132
VI	12 Credits	4 Credits	2 Credits				OJT - 4 Credits	22 Credits	
Total of V & VI	24 Credits	8 Credits	4 Credits		2 Credits		6 Credits	44 Credits	
VII	12 Credits	4 Credits	4 Credits				2 Credits	22 Credits	UG Degree 176 (Honours)
VIII	12 Credits	4 Credits					6 Credits	22 Credits	
Total of VII & VIII	24 Credits	8 Credits	4 Credits				8 Credits	44 Credits	
Cumulative of eight semesters for honours (I+II+III+IV+V+VI+VII+VIII)	72 Credits	16 Credits	24 Credits	12 Credits	14 Credits	14 Credits	24 Credits	176 Credits	
VII	10 Credits	4 Credits	4 Credits				4 Credits	22 Credits	UG Degree 176 (Honours with Research)
VIII	10 Credits	4 Credits					8 Credits	22 Credits	
Total of VII & VIII	20 Credits	8 Credits	4 Credits				12 Credits	44 Credits	
Cumulative of eight semesters for honours with research (I+II+III+IV+V+VI+VII+VIII)	68 Credits	16 Credits	24 Credits	12 Credits	14 Credits	14 Credits	28 Credits	176 Credits	



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Admission Procedure for First Year Undergraduate Degree Programme for 2023-24

- ✓ ***NO ENTRANCE TEST FOR ADMISSION, however, admissions will be based on HSC marks, & choice of subject will be confirmed based on merit list & availability of seats.***
- ✓ ***Original & Photocopy of the HSC Mark sheet (Original will be returned after verifying)***
- ✓ ***University of Mumbai Pre-enrolment form - <https://mum.digitaluniversity.ac/>***
course wise & college wise (our college code is 183)
- ✓ ***First Year Application Admission Form (available off line in college for Rs. 100/-)***
- ✓ ***Minority Declaration Form (South Indian Linguistic Minority Students; Mother Tongue -Tamil, Kannada, Telugu, Malayalam, Tulu & Konkani; if applicable, will be given in college later, at the time of application form submission)***
- ✓ ***Refer to the college website for first year admission schedule www.sies.ascs.edu.in***



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Help desk for First Year Undergraduate Degree Programme under NEP for 2023-24

- ✓ ***Dr. Rashmi Bhure; Vice Principal (For FYBA & FYBCom); Email: rashmisb@sies.edu.in***
- ✓ ***Dr. Tara Menon; Vice Principal (For self financed courses such FYBSc - Biotechnology, Information Technology, Computer Science, Data Science, FYBAMMC, FYBMS, FYBMS - CM); Email: taram@sies.edu.in***
- ✓ ***Dr. Satish Sarfare; Vice Principal (For FYBSc – General; and for any other inquiry related to admission); Email: satishs@sies.edu.in***

Resources / References for understanding multidisciplinary degree programmes, courses & credit structure under NEP:

- ✓ ***Report on structure and curriculum of four year & dual multidisciplinary dual degree programme with multiple entry & exit options for implementation in state universities of Maharashtra; October 2022***
- ✓ ***Curriculum & Credit Framework for Undergraduate Programmes, University Grants Commission, New Delhi; December 2022***
- ✓ ***Report of National Credit Framework, University Grants Commission, New Delhi; April 2023***
- ✓ ***Directives from Department of Higher and Technical Education, Government of Maharashtra; Dated 20th April 2023***