

Elective Courses Available for Students
Academic Session 2016 – 17
Arts, Commerce and Science Departments

First Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Sanskrit	Vedic and Ancillary Text SANS 701C	4	20	All Arts Depts. Students
2	Psychology	Advance Social Psychology : PSCY 704E	4	10	Education, Sociology, Management, Phy Education, Philosophy, & Rural Management.
3		Educational Psychology PSCY 705E	4	10	-----DO -----
4	JMC	Basics of Journalism JMCN 705E	02	05	English and Bengali
5		Radio Programming JMCN 706E	02	05	----- DO -----
6		Marketing Communication JMCN 707E	02	05	MBA, Commerce and Economics
7		Media Campaign Strategies; JMCN 708E	02	05	----- DO -----
8	CSSIEP	Extn. Edn. & Community Mang. TRES 714E	02	10	MRMD, Economics, Sociology, Education & NSS Volunteers
9		Inst. Visit & Field Study TRES 715E	02	10	NSS Volunteers

**Elective Courses Available for Students,
Academic Session 2016 – 17
Arts & Commerce; Second Semester**

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Sanskrit	Upanisadic Text SANS 802C	4	20	All Arts Depts. Students
2		History, Polity & Campo /Inscription; SANS 804E	4	20	Pol. Sc., Hindi, Bengali
3	Political Science	Constitution of India POLS 805E	4	30	Any Department
4	History	Modern USA HIST 804E	04	50	Pol Sc, JMC, Business Mang, English
5		Ecology & Environment in History; HIST 805E	04	20	All Bio Sciences, JMC, MRMD, Business Mang.
6	Economics	Agricultural Economics ECON 804E	04	05	MRMD, Geo & Dis Mang., Forestry & Bio. Diversity
7		Public Economics ECON 805E	04	05	Commerce, Management & Law
8	Psychology	Counselling Psychology PSCY 804E	4	10	Edn, Socio., Busines Mang, Phy Edn, Philo., & Rural Management.
9		Environmental Psychology; PSCY 805E	4	10	-----DO -----
10		Behaviour Modification PSCY 806E	04	10	----- DO -----
11	JMC	Principles of Photography; JMCN 805E	02	05	Fine Arts
12		Arts and Aesthetics JMCN 806E	02	05	Fine Arts and Music
13		Science & Art of Sound JMCN 807E	02	05	Music
14		Writing for Media JMCN 808E	02	05	English and Bengali
15	Kokborok	Introduction to Language and Linguistics; KBRK 803E	04	-----	Any Department
16		Prose Fiction II KBRK 804E	04	-----	----- DO -----
17	CSSIEP	Social Exclusion and Inclusive Policy TRES 814E	02	10	All Departments of Arts
15		Entre. Dev. For Tribal Youth; TRES 815E	02	10	MRMD, Economics and Sociology
16	Commerce	International Business COMM 806E	04	20	MBA, Economics & MRMD
17		Entrepreneurial Dynamics & New Venture Creation COMM 805E	04	20	----- DO -----
18	Hindi	Lok Sahitya evam Sanskriti (Tripura Kendrit) HIND804E	02	25	Any Department
19	Bengali	Bangla Sishu Kishor Sahitya o Comics: BNGL 804E	04	-----	All Language Departments

Elective Courses Available for Students

Academic Session 2016 – 17

Arts & Commerce; Third Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Sanskrit	Indian Philosophy SANS 901C	4	20	Philosophy
2		Indian Epics and Puranas; SANS 903C	4	20	All Arts Departments
3		Kavya & Alamkara SANS 904E	04	20	Bengali and Hindi
4		Sanskrit Drama & Dramaturgy; SANS 905E	04	20	English, Bengali and Hindi.
5	Economics	Economics of NE India ECON 904E	04	05	MRMD, Geo & Dis. Mang., Commerce, MBA Pol. Sc, Hist. Edn,
6	Education	Value Education EDNC 901C	04	20	For All Departments.
7	Sociology	Gender and Society SOCY 903E	04	20	Arts and Social Sciences other than Language Gr.
8		Sociology of Education SOCY 905E	04	05	Education.
9	Psychology	Stress Management PSCY 904E	03	10	Edn, Soc, Management, Phy Edn, Philo, MRMD
10	JMC	Media Literacy JMCN 905E	02	05	Sociology, History and Political Science.
11		Media and North East JMCN 906E	02	05	----- Do -----
12		International Communication JMCN 907E	02	05	-----DO -----
13		Computer Graphics JMCN 908E	02	05	Fine Arts
14	Kokborok	Socio-cultural Hist. Of Kokborok Speaking People; KBRK 903E	04	-----	Any Department
15		Non-Fictional Prose KBRK 904E	04	-----	----- DO -----
16		Translation and Lexicography; KBRK 905E	04	-----	----- DO -----
17	Business Management	Marketing Research BMGT 905E	04	10	Commerce
18		Retail Marketing Management BMGT 906E	04	10	----- DO -----
19	English	Linguistic I ENGL 903E	03	-----	Language Departments & JMC
20		Modern English Grammar & Usage ENGL 904E	03	-----	----- DO -----
21		Translation Studies I ENGL 905E	03	-----	----- DO -----
22		Popular Culture & Literature I ENGL 906E	03	-----	----- DO -----
23		Gender in Literature ENGL 907E	03	-----	All Humanities Departments

Elective Courses Available for Students
Academic Session 2016 – 17
Arts & Commerce; Fourth Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Sanskrit	Outline of Culture & Civilization in Skt. Lit. SANS 1003E	4	20	Arts Departments.
2	Economics	Adv. Statistics & Econometrics: ECON 1003E	04	05	Statistics, MBA, Commerce & Mathematics
3		Labour Economics ECON 1005E	04	05	Commerce, MBA, Law and MRMD
4		International Economics; ECON 1006E	04	05	----- DO -----
5	Sociology	Sociology of Communication; SOCY 1003E	04	05	JMC
6		Political Sociology SOCY 1005E	04	05	Political Science
7	Psychology	Health Psychology PSCY 1003E	03	10	Edn, Soc, Mang, Phy Edn, Philo, MRMD
8	JMC	Film Appreciation JMCN 1005E	02	05	Eng, Beng, Soc, Hist, Pol Sc.
9		Health Communication JMCN 1006E	02	05	Sociology & MRMD
10		Media Management JMCN 1007E	02	05	MBA, Commerce, Economics
11		New Media JMCN 1008E	02	05	Eng, Beng, Soc, Hist & Pol Science.
12	Kokborok	Literature in Translation KBRK 1003E	04	-----	Any Department
13		Koborok Linguistics Study II; KBRK 1004E	04	-----	-----Do -----
14		Drama II KBRK 1005E	04	-----	----- DO -----
15	Business Management	Rural Marketing Mang. BMGT 1005E	04	10	Commerce
16		International Marketing BMGT 1006E	04	10	----- DO -----
17	Hindi	Hindi Kahani evam Upanyas; HIND 1006E	04	25	Any department

**Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments**

First Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Mathematics	Linear Algebra MATH 704E	04	10	Physics & Statistics
2		Operation Research MATH 705E	04	10	----- DO -----
3	Mol.Biology & Bio-Informatics	Bio Molecules MOBB 706E	02	20	H. Physiology, Zoo, Bot, Microbiology & Pharmacy

**Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments**

Second Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Mathematics	Discrete Mathematics MATH 805E	4	10	Science student who passed math in UG.
2	Physics	Microprocessor Architecture & Programming PHYS 806E	04	02	M.Tech CSE & IT
3		Astrophysics & Astronomy; PHYS 807E	06	02	----- Do -----
4	Chemistry	Spectroscopic Methods in Inorganic Chemistry CHEM 805E	02	05	Phy, Pharmacy, Mol Bio & Bioinformatics, Microbio, Zoo, Physio.

**Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments**

Second Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses	
5	Chemistry	Nuclear & Radiation Chem; CHEM 806E	2	05	Phy, Pharmacy, Mol Bio & Bioinformatics, Microbio, Zoo, Physio.	
6		X Ray Crystallography CHEM 807E	02	05	----- DO -----	
7		Pericyclic & Organic Photo Chemistry CHEM 808E	02	20	H. Physiology, Zoo, Bot, Microbiology & Pharmacy	
8		Chem of Biomolecules CHEM 809E	02	20	----- DO -----	
9		Medicinal Chemistry - I CHEM 810E	02	20	----- DO -----	
10		Irreversible Thermodynamics & Non equiv Thermodynamics; CHEM 811E	02	20	----- Do -----	
11		Spectroscopy-II CHEM 812E	02	20	----- Do -----	
12		Polymer Chemistry CHEM 813E	02	20	----- Do -----	
13		Microbiology	Microbial Ecology MICB 804E	04	10	Botany, Zoology
14			Microbial Bioreactors MICB 805E	04	10	Forestry & Bio Div., Mol Bio & Bioinformatics
15	Mol Bio & Bioinformatics	Fundamentals of Recombinant DNA Tech. MOBB 806E	04	20	Physio, Zoo, Bot, Microbiology, Pharmacy	
16	Electrical Engg	Smart Grid EENG 1005E	03	10	Physics, M.Tech CSE and IT	
17	Comp. Science & Engg	Pattern Recognition CSEN 1005E	04	10	Science and Engineering	
18		Optical Communication & Network CSEN 1006E	04	10	----- DO -----	
19		Software Engineering CSEN 1007E	04	10	----- Do -----	

**Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments**

Second Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
20	Comp. Science & Engg	Optical Information Processing; CSEN 1008E	04	10	Science and Engineering
21		Distributed Computing CSEN 1009E	04	10	----- DO -----
22		Soft Computing CSEN 1010E	04	10	----- DO -----
23		Introduction of Quantum Computing; CSEN 1011E	04	10	----- DO -----
24		VLSI & Microprocessor CSEN 1012E	04	10	----- DO -----

**Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments**

Third Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Physics	Advance Quantum Physics; PHYS 905E	04	04	Chemistry and Mathematics
2	Mathematics	Rough Sets and Applications; MATH 908E	04	10	IT, M.Tech Comp. Sc & Engg and Electrical Engg.
3	Microbiology	Medical Microbiology MICB 903E	04	10	Bot., Zoo., Forestry & Bio Div., Mol Bio & B.Informatics
4		Fermented Food Tech. MICB 904E	04	10	----- DO -----

Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments
Third Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
5	Microbiology	Agri. & Environmental Microbiology; MICB 905E	04	10	Bot., Zoo., Forestry & Bio Div., Mol Bio & B.Informatics
6	Molecular Biology & Bio-Informatics	Stem Cell Biology MOBB 906E	04	20	H.Physio., Zoo., Bot., Microbiology & Pharmacy
7	Forestry & Biodiversity	Reproductive Bio & Breeding Method in Forest Trees; FRBD 904E	04	10	Botany, Molecular Biology & Bioinformatics
8		Forest Biotechnology FRBD 905E	04	10	Do and Microbiology
9		Medicinal & Aromatic Plants; FRBD 906E	04	10	----- DO-----
10		Agro forestry FRBD 907E	04	10	Do and Zoology
11	Electrical Engg.	Artificial Neural Network EENG 1105E	03	10	Physics, Comp Sc & Engg. And IT
12	Pharmacy	Research Meth. For Biochemical Sciences MPHA 906E	02	40	Chemistry, and Biological Sciences

Elective Courses Available for Students
Academic Session 2016 – 17
Science Departments
Fourth Semester

Sl No	Name of the Offering Department	Offered Courses & Course Code	No. Of Credits	No. Of Seat for other Dept.	Students of Dept. which can take the Courses
1	Mathematics	Number Theory MATH 1009E	04	10	IT, Comp. Sc & Engineering (M.Tech)
2	Microbiology	Waste Water Treatment MICB 1003E	04	10	Zoo., Bot., Pharmacy
3		Industrial Microbiology MICB 1004E	04	10	Mol Bio & B informatics, Bot, Zoo, Pharmacy
4	Molecular Biology & Bioinformatics	Animal Cloning, Animal & Plant Tissue Culture MOBB 1002E	04	20	H. Physio., Zoo., Bot., Microbiology & Pharmacy
5		Fundamentals of Bioinformatics; MOBB 1003E	04	20	Do and IT, CSE and Forestry & Bio diversity
6	Forestry & Bio Diversity	Remote Sensing & GIS FRBD 1005E	04	10	Botany, Geography, Physics & Zoology
7		Wild Life Management FRBD 1006E	04	10	Bot, Zoo, Microbiology, Mol Bio & B.Informatics
8		Forest Biology & Tree Physiology; FRBD 1007E	04	10	Bot., Mol.Bio & Bioinformatics, Microbiology