

**B.A ECONOMICS (UG) COURSE STRUCTURE UNDER CBCS
PATTERN**

(For the Candidates admitted from 2015 – 2016 Academic year onwards)

Sem	Part	Course Code (s)	Title of the Course(s)	Hrs	Credit	External	Internal	Total
I	I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	75	25	100
	II	15H101	ELC-I- English for Communicative Competence	6	3	75	25	100
	III	15E101	CC-I –Indian Economic Development	6	4	75	25	100
		15E102	CC-II -Micro Economics-I	5	4	75	25	100
		15E103A	AC-I -Economic Statistics	5	4	75	25	100
	IV	15VEDa	VE -Value Education	2	1	100	-	100
Total				30	19	-	-	-
II	I	15T202a	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	75	25	100
	II	15H202	ELC-II- English for Proficiency	6	3	75	25	100
	III	15E204	CC-III - Micro Economics –II	5	4	75	25	100
		15E205A	AC-II - Statistical Methods	5	4	75	25	100
		15E206A	AC-III -Statistics: Pertaining to Indian Context	4	4	75	25	100
	IV	15EVS	EVS -Environmental Science	2	1	100	-	100
		15XE21	SKBC-I- Human Resource Planning and Development	2	2	100	-	100
	Total				30	21		
III	I	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	75	25	100
	II	15H303	ELC-III- English for Employability	6	3	75	25	100
	III	15E307	CC-IV -Macro Economics-I	6	4	75	25	100
		15E308	CC-V -Monetary Economics	5	4	75	25	100
		15E309A	AC-IV - Rural Marketing in India	5	4	75	25	100
	IV	15XE32	SKBC-II - Wage, Salary Administration and Industrial Relations	2	2	100	-	100
		15GS	GS-Gender Studies (Self study)	-	1	100	-	100
	Total				30	21	-	-

Sem	Part	Course Code(s)	Title of the Course(s)	Hrs/Week	Credit	Internal	External	Total
IV	I	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	II	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100
	III	15E410	CC-VI –Macro Economics-II	6	4	25	75	100
		15E411A	AC-V –Marketing Management	6	4	25	75	100
		15E412A	AC-VI- International Business Environment	6	4	25	75	100
	IV	15SSC	SSC-Soft Skills Course	-	2	-	100	100
			Total	30	20	-	-	-
V	III	15E513	CC-VII –History of Economic Thought	5	5	25	75	100
		15E514	CC-VIII -Fiscal Economics	6	5	25	75	100
		15E515	CC-IX -Tourism Economics	5	5	25	75	100
		15E516	CC-X -Rural Industrialisation	5	5	25	75	100
		15E517	EC-I-Principles of Accountancy	5	5	25	75	100
	IV	15E5N	NMEC -Managerial Economics	4	4	-	100	100
		Total		30	29	-	-	-
VI	III	15E618	CC-XI - International Economics	6	5	25	75	100
		15E619	CC-XII - Capital Market in India	6	5	25	75	100
		15E620	CC-XIII - Personnel Management	6	5	25	75	100
		15E621	CC-XIV - Computer Application in Economics	6	5	25	75	100
		15E622	EC-II-Entrepreneurial Development	6	5	25	75	100
	IV	15EC	Comprehensive Course	0	4	-	100	100
		15EA	EA-Extension Activities	-	1	-	-	-
		Total		30	30	-	-	-
Grand Total				180	140	750	3050	3800

B.A ENGLISH COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)

Sem.	Course Code	Title of the course	Hrs. per Week	Credits	CIA	EXT.	Total
I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	15H101	ELC-I- English for Communicative Competence	6	3	25	75	100
	15L101	CC- I- Prose	5	4	25	75	100
	15L102	CC-II- Fiction	5	4	25	75	100
	15L103A	AC-I- Social History of England	6	4	25	75	100
	15VEDa	VE-Value Education	2	1	-	100	100
Total Hours and Credits (Semester-I)			30	19	-	-	-
II	15T202a	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H202	ELC-II- English for Proficiency	6	3	25	75	100
	15L204	CC-III- Poetry-I	4	4	25	75	100
	15L205A	AC- II- History of English Literature I	5	4	25	75	100
	15L206A	AC-III-Literary Forms and Terms	5	4	25	75	100
	15XL21	SKBC-I- Remedial English	2	1	-	100	100
	15EVS	EVS- Environmental Science	2	2	-	100	100
Total Hours and Credits (Semester-II)			30	21	-	-	-
III	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H303	ELC-III- English for Employability	6	3	25	75	100
	15L307	CC-IV- Poetry-II	6	4	25	75	100
	15L308	CC-V – Drama- I	5	4	25	75	100
	15L309A	AC-IV- History of English Literature- II	5	4	25	75	100
	15XL32	SKBC-II- Photo Journalism	2	2	-	100	100
	15GS	GS-Gender Studies [Self Study]	-	1	-	100	100
Total Hours and Credits (Semester-III)			30	21	-	-	-

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Signature of the Staff /Course Teacher

Signature of the HOD

Sem.	Course Code	Title of the course	Hrs. per Week	Credits	CIA	EXT.	Total
IV	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100
	15L410	CC-VI – Drama-I I	6	4	25	75	100
	15L411A	AC-V- History of English Language	6	4	25	75	100
	15L412A	AC-VI- Principles of Literary Criticism and Theory	6	4	25	75	100
	15SSC	Soft Skills Course	-	2	-	100	-
Total Hours and Credits (Semester-IV)			30	20	-	-	-
	15L513	CC-VII- Shakespeare - I	6	5	25	75	100
V	15L514	CC-VIII- Indian Writing in English	5	5	25	75	100
	15L515	CC-IX- Phonetics	5	5	25	75	100
	15L516	CC-X- Feminist Writing in English	5	5	25	75	100
	15L517	CCE-I- World Classics in Translations	5	5	25	75	100
	15L5N	NMEC- Children's Literature	4	4	-	100	-
Total Hours and Credits (Semester-V)			30	29	-	-	-
VI	15L618	CC-XI- Shakespeare - II	6	5	25	75	100
	15L619	CC-XII- New Literatures in English	6	5	25	75	100
	15L620	CC-XIII- American Literature	6	5	25	75	100
	15L621	CC-XIV- English Language Teaching	6	5	25	75	100
	15L622	CCE-II- Journalism	6	5	25	75	100
	15LC	Comprehensive Course	-	4	4	-	100
	15EA	EXTENTION ACTIVITIES	-	1	1	-	-
			30	30	-	100	-
TOTAL			180	140	750	3050	3800



NEHRU MEMORIAL COLLEGE

(Autonomous, Accredited with 'A' Grade by NAAC & Affiliated to Bharathidasan University, Tiruchirappalli)
Puthanampatti-621007, Tiruchirappalli- District

M.A. Tamil - Course Structure and Syllabus under CBCS (For the candidate admitted from the academic year 2017-2018 onwards)

Sem.	Course	Course Title	Ins. Hrs/ Per Week	Cre dit	Exam. Hrs.	Marks		Total
						Int.	Ext.	
I	Core Course I	இக்கால இலக்கியம் - 1	6	4	3	25	75	100
	Core Course II	இக்கால இலக்கியம் -2	6	4	3	25	75	100
	Core Course III	சிறுநிலக்கியம்	6	4	3	25	75	100
	Core Course IV	தொல்காப்பியம் - எழுத்ததிகாரம் - நச்சினார்க்கினியர் உரை	6	4	3	25	75	100
	Elective Course I	கணிணித் தமிழ்	6	4	3	25	75	100
	Total			30	20			
II	Core Course V	சமய இலக்கியம்	6	5	3	25	75	100
	Core Course VI	காப்பிய இலக்கியம்	6	5	3	25	75	100
	Core Course VII	அற இலக்கியம்	6	5	3	25	75	100
	Core Course VIII	தொல்காப்பியம் - சொல்லதிகாரம் - சேனாவரையர் உரை	6	5	3	25	75	100
	Elective Course II	பெண்ணியம்	6	4	3	25	75	100
	Total			30	24			
III	Core Course IX	சங்க இலக்கியம் I - எட்டுத்தொகை	6	5	3	25	75	100
	Core Course X	சங்க இலக்கியம் II - பத்துப்பாட்டு	6	5	3	25	75	100
	Core Course XI	ஒப்பீட்டு நோக்கில் செம்மொழிகள்	6	5	3	25	75	100
	Core Course XII	தொல்காப்பியம் - பொருள திகாரம் முன் 5 இயல்கள் நச்சினார்க்கினியர் உரை	6	5	3	25	75	100
	Elective Course III	பெரியாரியல்	6	4	3	25	75	100
	Total			30	24			

VI	Core Course XIII	இலக்கியக்கொள்கைகளும் திறனாய்வும்	5	5	3	25	75	100	
	Core Course XIV	தொல்காப்பியம் - பொருளதிகாரம் - பின் 4 இயல்கள் - பேராசிரியர் உரை	5	5	3	25	75	100	
	Elective Course IV	* சுற்றுலாவியல் ஊடகவியல் மொழி பெயர்ப்பியல் தமிழ் அச்சுக் கலை	5	4	3	25	75	100	
	Elective Course V	* உலக இலக்கியங்கள் இந்திய இலக்கியங்கள்	5	4	3	25	75	100	
	Project		10	4				100	
		Total		30	22				500
		Total		120	90				2000

* ஏதேனும் ஒரு தாள் மட்டும்

	Courses	Total Number of Courses	Total Number of Credit	Total Marks
I	Core Courses	14	60	1400
II	Elective Courses	5	20	500
III	Project	1	10	100
	Total	20	90	2000

B.Com. COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)

Sem	Course Code	Title of the Course	Ins. Hrs	Credits	CIA	EXT	Total
I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	15H101	ELC-I- English for Communicative Competence	6	3	25	75	100
	15C101	CC-I-Principles of Accountancy	6	4	25	75	100
	15C102	CC-II-Business Organization and Government Regulations	5	4	25	75	100
	15C103A	AC - I-Business Economics	5	4	25	75	100
	15VEDa	VE-Value Education	2	1	-	100	100
Total Hours and Credits (Semester – I)			30	19	-	-	-
II	15T202a	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H202	ELC-II- English for Proficiency	6	3	25	75	100
	15C204	CC- III- Statistical Tools for Decision Making	5	4	25	75	100
	15C205A	AC - II-Banking Law and Practice	5	4	25	75	100
	15C206A	AC - III-Marketing	4	4	25	75	100
	15EVS	EVS - Environmental Science	2	1	-	100	100
	15XC21	SKBC – I : International Business Environment	2	2	-	100	100
Total Hours and Credits (Semester – II)			30	21	-	-	-
III	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H303	ELC-III- English for Employability	6	3	25	75	100
	15C307	CC - IV - Financial Accounting	6	4	25	75	100
	15C308	CC – V - Computer Applications in Business-I (Theory)	5	4	25	75	100
	15C309A	AC IV-Business Law	5	4	25	75	100
	15XC32	SKBC-II- Export Procedure	2	2	-	100	100
	15GS	GS-Gender Studies (Self study)	-	1	-	100	100
Total Hours and Credits (Semester – III) 1			30	21	-	-	-

Sem	Course Code	Title of the Course	Ins. Hrs	Credits	CIA	EXT	Total
IV	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100
	15C410L	CC-VI-Computer Application in Business-II (Practical)	6	4	25	75	100
	15C411A	AC V-Company Law	6	4	25	75	100
	15C412A	AC VI-Business Management	6	4	25	75	100
	15SSC	SSC-Soft Skills Course	-	2	-	100	100
Total Hours and Credits (Semester – IV)			30	20			
	15C513	CC-VII-Cost Accounting	5	5	25	75	100
	15C514	CC-VIII-Auditing	5	5	25	75	100
	15C515	CC-IX-Income Tax Law and Practice	5	5	25	75	100
	15C516	CC-X-Corporate Accounting	6	5	25	75	100
	15C517	EC - I-Service Marketing	5	5	25	75	100
	15C5N	NMEC-General Commercial Knowledge	4	4	-	100	100
Total Hours and Credits (Semester – V)			30	29	-	-	-
VI	15C618	CC-XI-Management Accounting	6	5	25	75	100
	15C619	CC-XII-Financial Management	6	5	25	75	100
	15C620	CC-XIII-Entrepreneurial Development	6	5	25	75	100
	15C621	CC-XIV-Capital Market	6	5	25	75	100
	15CC	CH -Comprehensive course	-	4	-	100	100
	15C622	EC II-Financial Services	6	5	25	75	100
	15EA	EA-Extension Activities	-	1	-	100	100
	Total Hours and Credits (Semester – VI)			30	30	-	-
GRAND TOTAL (SIX SEMESTERS)			180	140	750	3050	3800

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
Post Graduate Programme– M.Com Commerce Course Structure
(For the candidates admitted from 2015 - 2016 onwards)

Sem.	Course	Course Title	Hrs/ Week	Credit	MAX.MARKS		
					Int.	Ext.	Total
I	15PC101	CC-I-Managerial Economics	6	5	40	60	100
	15PC102	CC-II- Dynamics of Entrepreneurial Development	6	5	40	60	100
	15PC103	CC-III- Organisational Behaviour	6	4	40	60	100
	15PC104	CC-IV- Advanced cost and Management Accounting	6	4	40	60	100
	15PC105	CC-V-Retail Marketing	6	4	40	60	100
TOTAL			30	22	200	300	500
II	15PC206	CC-VI -Advanced Financial Management	6	5	40	60	100
	15PC207	CC-VII-Strategic Management	6	5	40	60	100
	15PC208	CC-VIII-International Marketing	6	4	40	60	100
	15PC209	CEC-I- Advanced Business Statistics & Quantitative Techniques	6	4	40	60	100
	15PC210a	OEC -Accounting for Executives	6	4	40	60	100
	15PC210b	OEC- Marketing Management					
TOTAL			30	22	200	300	500
III	15PC311	CC-IX- Advanced Corporate Accounting	6	5	40	60	100
	15PC312	CC-X- Research Methodology	6	5	40	60	100
	15PC313	CC-XI- Security Analysis & Portfolio Management	6	4	40	60	100
	15PC314	CEC-II- Personality Development	6	4	40	60	100
	15PC315	CEC-III- E-Commerce Concept and Models	6	4	40	60	100
	TOTAL			30	22	200	300
IV	15PC416	CC-XII- Service Marketing	6	5	40	60	100
	15PC417	CC-XIII- Income Tax Law & Practice	6	5	40	60	100
	15PC418	CC-XIV - Human Resource Management	6	5	40	60	100
	15PC419	CEC-IV- Information Technology for Management	6	4	40	60	100
	15PC420P	CC-XV- Project Work	6	5	40	60	100
TOTAL			30	24	200	300	500
GRAND TOTAL			120	90	800	1200	2000

Course Type

CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
OEC	Open Elective Course
CEC	Core Elective Course
PW	Project Work

B.Com (CA) COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)

SEM	Course Code(s)	TITLE OF COURSE(S)	INS. HOURS	CREDIT	CIA	EXT	TOT
I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	15H101	ELC-I- English for Communicative Competence	6	3	25	75	100
	15CA101	CC-I-Introduction to Accountancy	6	4	25	75	100
	15CA102A	AC-I – Fundamentals of computer Applications	5	4	25	75	100
	15CA103A	AC-II-PC Package – I	5	4	25	75	100
	15VEDa	VE-Value Education	2	1	--	100	100
		TOTAL		30	19	--	475
II	15T202a	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H202	ELC-II- English for Proficiency	6	3	25	75	100
	15CA204	CC-II- Business Tools for Decision Making	5	5	25	75	100
	15CA205	CC-III- Marketing	4	4	25	75	100
	15CA206L	AC-III- PC Package-II [Practical]	5	4	25	75	100
	15EVS	EVS-Environmental Science	2	1	--	100	100
	15XCA21	SKBC-I-Development of small business	2	2	--	100	100
		TOTAL		30	22	--	575
III	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H303	ELC-III- English for Employability	6	3	25	75	100
	15CA307	CC-IV- Business Accounting	6	5	25	75	100
	15CA308A	AC-IV- Data Base Management systems	5	4	25	75	100
	15CA309A	AC-V- Python Programming	5	4	25	75	100
	15XCA32	SKBC-II- Office Management	2	2	--	100	100
	15GS	GS-Gender Studies(Self –study)	--	1	--	100	100
		Total		30	22	--	600
IV	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100
	15CA410	CC-V- Cost Accounting	6	5	25	75	100
	15CA411	CC-VI-Business Communication	6	4	25	75	100
	15CA412L	AC-VI- Data Base Management Systems (Practical)	6	4	25	75	100
	15SSC	SSC-Soft skills Course	---	2	---	100	100

		TOTAL	30	21	--	375	600
V	15CA513	CC-VII- Corporate Accounting	6	5	25	75	100
	15CA514	CC-VIII- Business Management	5	5	25	75	100
	15CA515	CC-IX-Business Law	5	5	25	75	100
	15CA516	CC-X-Entrepreneurial Development	5	4	25	75	100
	15CA517	EC-I- E-Commerce	5	5	25	7	100
	15CA5N	NMEC – Fundamentals of Banking and Insurance	4	4	25	100	100
		TOTAL	30	28	--	450	600
VI	15CA618	CC-XI- Management Accounting	6	5	25	75	100
	15CA619	CC-XII- Income Tax Law and Practice	6	5	25	75	100
	15CA620L	CC-XIII- Computer Application in Business [Practical]	6	4	25	75	100
	15CA621	CC-XIV- Banking Theory, Law and Practice	6	4	25	75	100
	15CA622	EC-II- Web Programming	6	5	25	75	100
	15CAC	Comprehensive Course	--	4	--	100	100
	15EA	EA-Extension Activities***	--	1	--	--	--
		TOTAL	30	28	--	375	600
		GRAND TOTAL	180	140	750	3050	3800

B.B.A COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)

SEM	COURSE CODE	TITLE OF THE PAPER	INS. HRS	CREDITS	CLA	EXT	TOTAL
I	15T101a	LC-I - செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	15H101	ELC-I- English For Communicative Competence	6	3	25	75	100
	15B101	CC-I-Principles of Accounting	6	4	25	75	100
	15B102	CC-II- Principles of Management	5	4	25	75	100
	15B103A	AC-I -Managerial Economics	5	4	25	75	100
	15VEDa	VE- Value Education	2	1	-	100	100
Total Hours and Credits (Semester – I)			30	19	-	-	-
II	15T202a	LC-II - செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழியெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H202	ELC-II - English for Proficiency	6	3	25	75	100
	15B204	CC-III -Marketing Management	5	4	25	75	100
	15B205A	AC-II -Business Mathematics & Statistics	5	4	25	75	100
	15B206A	AC-III - Business Environment	4	4	25	75	100
	15XB21a	SKBC- I -Banking Theory Law and Practice					
	15XB21b	SKBC- I- Computer Application in Management	2	2	--	100	100
	15EVS	EVS- Environmental Science	2	1	-	100	100
Total Hours and Credits (Semester – II)			30	21	-	-	-
III	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H303	ELC-III- English for Employability	6	3	25	75	100
	15B307	CC-IV Managerial Communication	6	4	25	75	100
	15B308	CC-V Management Information system	5	4	25	75	100
	15B309A	AC-IV Business Laws	5	4	25	75	100
	15XB32a	SKBC-II -Personality Development					
	15XB32b	SKBC-II –Retail Marketing Management	2	2	-	100	100

IV	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100
	15B410	CC-VI -Cost Accounting	6	4	25	75	100
	15B411A	AC-V -Operations Research	6	4	25	75	100
	15B412A	AC-VI -Organizational Behaviour	6	4	25	75	100
	15SSC	SSC -Soft Skills Course	-	2	-	100	100
Total Hours and Credits (Semester – IV)			30	20	-	-	-
V	15B513	CC-VII Human Resource Management	5	5	25	75	100
	15B514	CC-VIII Production &Material Management	5	5	25	75	100
	15B515	CC-IX Management Accounting	5	5	25	75	100
	15B516	CC – X International Business	6	5	25	75	100
	15B517	EC – I Services Marketing	5	5	25	75	100
	15B5Na	NMEC- Banking	4	4	-	100	100
	15B5Nb	NMEC- Business Communication Techniques					
Total Hours and Credits (Semester – V)			30	29	-	-	-
VI	15B618	CC-XI Business Taxation	6	5	25	75	100
	15B619	CC-XII Financial Management	6	5	25	75	100
	15B620	CC-XIII Entrepreneurial Development	6	5	25	75	100
	15B621	CC-XIV Strategic Management	6	5	25	75	100
	15B622	EC-II Stock Exchange Practices	6	5	25	75	100
	15BC	CH Comprehensive Course	-	4	-	100	100
	15EA	EA Extension Activities	-	1	-	-	-
Total Hours and Credits (Semester – VI)			30	30	-	-	-
GRAND TOTAL(SIX SEMESTERS)			180	140	750	3050	3800

B.Sc BOTANY COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)

Semester	Subject Code	Part	Course Title	Hrs/ week	Credits	Marks		Total
						Int.	Ext.	
I	15T101a	I	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	15H101	II	ELC – I- English for communicative competence	6	3	25	75	100
	15BY101	III	CC-I -Plant Diversity I (Algae, Fungi, Lichens and Bryophytes)	6	5	25	75	100
	15BY102L		CC-II - Practical - I (Plant Diversity I & II)*	3	-	-	-	-
	15BY103A		AC –I -Zoology- Animal Structure and function	4	4	25	75	100
	15BY104L	III	AC –II -Zoology Practical*	3	-	-	-	-
	15VEDa	IV	VE-Value Education	2	1	-	100	100
		Total	30	16	-	-	500	
II	15T202a	I	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H202	II	ELC –II- English for Proficiency	6	3	25	75	100
	15BY102L	III	CC-II - Practical-I (Plant Diversity -I & II)*	3	4	25	75	100
	15BY205		CC-III -Plant Diversity- II (Pteridophytes, Gymnosperms and Paleobotany)	4	4	25	75	100
	15BY104L		AC –II - Zoology Practical*	3	4	25	75	100
	15BY206A	IV	AC –III -Zoology- Economic Entomology and Vermitechnology	4	4	25	75	100
	15XBY21		SKBC-I- Biofertilizers	2	2	-	100	100
	15EVS		EVS-Environmental Science	2	1	-	100	100
		Total	30	25	-	-	800	
III	15T303	I	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	15H303	II	ELC –III – English for Employability	6	3	25	75	100
	15BY307	III	CC – IV -Microbiology and Plant Pathology	5	5	25	75	100
	15BY308L		CC – V - Practical –II (Microbiology and Plant Pathology , Cell Biology and Plant Anatomy)*	3	-	-	-	-
	15BY309A		AC – IV - Allied Chemistry- I	5	4	25	75	100
	15BY310L	III	AC – V - Allied Chemistry Practical-*	3	-	-	-	-
	15XBY32	IV	SKBC-II- Mushroom culture Techniques	2	2	-	100	100
	15GS	IV	GS-Gender Studies (Self study)	0	1	-	100	100
		Total	30	18	-	-	600	

Semester	Subject CODE	Part	Course Title	Hrs/ week	Credits	Marks		Total
						Int.	Ext.	
	15T404		LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
IV	15H404	II	ELC – IV- English through literary texts	6	3	25	75	100
	15BY308L	III	CC –V - Practical –II (Microbiology and Plant Pathology, Cell Biology and Plant Anatomy)*	6	5	25	75	100
	15BY411		CC- VI - Cell Biology and Plant Anatomy	3	4	25	75	100
	15BY310L		AC – V -Allied Chemistry Practical*	3	4	25	75	100
	15BY412A		AC –VI -Allied Chemistry – II	6	4	25	75	100
	15SSC	IV	SSC-Soft Skills Course	0	2	-	100	100
			Total	30	25	-	-	700
V	15BY513	III	CC – VII -Plant Embryology and Tissue culture	5	5	25	75	100
	15BY514		CC – VIII -Morphology and Taxonomy of Angiosperms	5	5	25	75	100
	15BY515		CC – IX - Biochemistry and Plant Physiology	5	4	25	75	100
	15BY516L		CC – X - Practical –III (Plant Embryology and tissue culture , Morphology and Taxonomy of Angiosperms, Biochemistry and Plant Physiology)	6	5	25	75	100
	15BY517a		EC-I – Bioinstrumentation	5	5	25	75	100
	15BY517b		EC –I – Plant Tissue Culture	5	5	25	75	100
	15BY5Na	IV	NMEC - Gardening	4	4	-	100	100
15BY5Nb	NMEC – Horticulture		4	4	-	100	100	
			Total	30	28	-	-	600
VI	15BY618L		CC – XI - Practical –IV (Ecology and conservation Biology, Genetic and Evolution, Biotechnology)	6	5	25	75	100
	15BY619	III	CC – XII -Ecology and Conservation Biology	6	5	25	75	100
	15BY620		CC – XIII -Genetics and Evolution	6	4	25	75	100
	15BY621		CC – XIV – Biotechnology	6	4	25	75	100
	15BY622a		EC –II -Biostatistics and Bioinformatics	6	5	25	75	100
	15 BY622b	EC – II - Economic Botany	6	5	25	75	100	
	15BYC		Comprehensive Course	0	4	-	100	100
	15EA		EA-Extension Activities	-	1	-	-	-
			Total	30	28	-	-	600
			Over all Total	180	140	-	-	3800

* Examination will be conducted at the end of even Semester

Elective Course-I

- a. Bioinstrumentation
b. Plant Tissue culture

Non-Major Based Electives-I:

- a. Gardening
b. Horticulture

Elective Course -II

- a. Economic Botany
b. Biostatistics and Bioinformatics

Skill Based Course I – Biofertilizers

Skill Based Course II – Mushroom culture techniques

B.Sc Chemistry COURSE STRUCTURE UNDER CBCS PATTERN

(For the Candidates admitted from 2015 – 2016 Academic year onwards)

SE M	Part	Course Title	Course Code	Hrs/ Week	Cre dit	Marks		Total
						CIA	EA	
I	I	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	15T101a	6	3	25	75	100
	II	ELC-I- English for Communicative Competence	15H101	6	3	25	75	100
	III	CC I--General Chemistry – I	15Y101	4	4	25	75	100
		CC-II*-Practical-I- Volumetric analysis	15Y102L	3	-	-	-	-
		AC-I-Allied Mathematics-I	15Y103A	5	4	25	75	100
		AC-II-Allied Mathematics–II	15Y104A	4	4	25	75	100
IV	VE-Value Education	15VEDa	2	1	-	100	100	
II	I	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	15T202a	6	3	25	75	100
	II	ELC-II- English for Proficiency	15H202	6	3	25	75	100
	III	CC-II*- Practical-I- Volumetric analysis	15Y102L	3	4	25	75	100
		CC-III- General Chemistry – II	15Y205	6	4	25	75	100
		AC-III- Allied Mathematics–III	15Y206A	5	4	25	75	100
	IV	EVS-Environmental Science	15EVS	2	1	-	100	100
		SKBC-I- Chemistry of Consumer Products	15XY21	2	2	-	100	100
III	I	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	15T303	6	3	25	75	100
	II	ELC-III- English for Employability	15H303	6	3	25	75	100
	III	CC-IV-General Chemistry – III	15Y307	5	4	25	75	100
		CC-V*-Practical-II- Micro qualitative analysis	15Y308L	3	-	-	-	-
		AC-IV-Allied Physics-I	15Y309A	5	4	25	75	100

		AC-V*-Allied Physics Practical	15Y310L	3	-	-	-	-
	IV	SKBC-II- Industrial Chemistry	15XY32	2	2	-	100	100
	V	GS-Gender Studies (Self study)	15GS	-	1	-	100	100
IV	I	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	15T404	6	3	25	75	100
	II	ELC-IV- English through Literary Texts	15H404	6	3	25	75	100
	III	CC-V*-Practical-II-Micro qualitative analysis	15Y308L	3	4	25	75	100
		CC-VI-General Chemistry – IV	15Y411	6	4	25	75	100
		AC-V*-Allied Physics Practical	15Y310L	3	4	25	75	100
		AC-VI-Allied Physics-II	15Y412A	6	4	25	75	100
	IV	SSC-Soft Skills Course	15SSC	-	2	-	100	100
V	III	CC-VII-Inorganic Chemistry I	15Y513	5	5	25	75	100
		CC-VIII-Organic Chemistry- I	15Y514	5	5	25	75	100
		CC-IX-Physical Chemistry – I	15Y515	5	5	25	75	100
		CC-X*-Gravimetric and Organic analysis	15Y516L	3	-	-	-	-
		CC-XI*-Physical Chemistry Experiments and organic preparations	15Y517L	3	-	-	-	-
		EC - 1 – Analytical Chemistry	15Y518	5	5	25	75	100
		NMEC– Agricultural Science	15Y5N	4	4	-	100	100
VI	III	CC-X*-Practical-III-Gravimetric and organic analysis	15Y516L	3	5	25	75	100
		CC-XI*-Practical-IV-Physical Chemistry Experiments and organic preparation	15Y517L	3	5	25	75	100
		CC-XII-Inorganic Chemistry – II	15Y619	6	5	25	75	100
		CC-XIII-Organic Chemistry – II	15Y620	6	5	25	75	100
		CC-XIV-Physical Chemistry – II	15Y621	6	5	25	75	100
		EC II- Polymer Chemistry	15Y622	6	5	25	75	100
	IV	Comprehensive Course	15YC	-	4		100	100
	V	EXTENTION ACTIVITIES	15EA		1			
		Grand total		180	140	750	3050	3800

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
Post Graduate Programme- M.Sc., Chemistry Course Structure
(For the candidates admitted from 2015 - 2016 onwards)

SEM	Course	Subject Title	Hrs/ Week	Credit	Int	Ext	Total
I	15PY101	CC-I Inorganic Chemistry-I	6	5	40	60	100
	15PY102	CC-II Organic Chemistry-I	6	5	40	60	100
	15PY103L	CC-III- Inorganic Chemistry Practical-I	6	4	40	60	100
	15PY104L	CC-IV Organic Chemistry Practical-I	6	4	40	60	100
	15PY105	CEC-I Physical Chemistry - I	6	4	40	60	100
	Total		30	22	200	300	500
II	15PY206	CC-V -Inorganic Chemistry-II	6	5	40	60	100
	15PY207	CC-VI - Organic Chemistry-II	6	5	40	60	100
	15PY208L	CC-VII -Inorganic Chemistry Practical-II	6	4	40	60	100
	15PY209a	OEC - Food Chemistry	6	4	40	60	100
	15PY209b	OEC - Green & Industrial Chemistry					
	15PY210	CEC-II -Physical Chemistry - II	6	4	40	60	100
	Total		30	22	200	300	500
III	15PY311	CC-VIII- Inorganic Chemistry-III	6	5	40	60	100
	15PY312	CC-IX- Organic Chemistry-III	6	5	40	60	100
	15PY313L	CC-X- Organic Chemistry- Practical-II	6	4	40	60	100
	15PY314L	CC-XI- Physical Chemistry-Practical -I	6	4	40	60	100
	15PY315	CEC-III- Physical Chemistry - III	6	4	40	60	100
		Total		30	22	200	300
IV	15PY416	CC-XII- Inorganic Chemistry - IV	6	5	40	60	100
	15PY417	CC-XIII- Organic Chemistry - IV	6	5	40	60	100
	15PY418L	CC-XIV-Physical Chemistry - Practical II	6	5	40	60	100
	15PY419	CEC-IV- Physical Chemistry -IV	6	4	40	60	100
	15PY420P	CC-XV- Project Work	6	5	40	60	100
		Total		30	24	200	300
	Grand Total		120	90	800	1200	2000

Course Type	
CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
OEC	Open Elective Course
CEC	Core Elective Course
PW	Project Work

**B.Sc Computer Science COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)**

SEM	PART	COURSE CODE	TITILE	HRS	CRE	CIA	EE	TOT
I	I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	II	15H101	ELC - I English for Communicative Competence	6	3	25	75	100
	III	15S101	CC - I Programming in C	4	4	25	75	100
		15S102L	CC - II a Software Lab - I (Data Analytic)	3	2	10	40	50
		15S103A	AC - I Basic Mathematics	5	4	25	75	100
		15S104A	AC - II Operations Research	4	4	25	75	100
	IV	15VEDa	VE - Value Education	2	1	-	100	100
II	I	15T202a	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H202	ELC - II English for Proficiency	6	3	25	75	100
	III	15S205L	CC - II b Software Lab - II (C)	3	2	10	40	50
		15S206	CC - III Object Oriented Programming using C++	6	4	25	75	100
		15S207A	AC - III Numerical and Statistical Methods	5	4	25	75	100
	IV	15XS21	SKBC - I - Image Editing and Manipulation	2	2	-	100	100
		15EVS	EVS - Environmental Science	2	1	-	100	100
III	I	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H303	ELC - III English for Employability	6	3	25	75	100
	III	15S308	CC - IV Data Structures and Algorithms	5	4	25	75	100
		15S309L	CC - V a Software Lab - III (C++ and Data Structure)	3	2	10	40	50
		15S310A	AC – IV - Applied Physics - I	5	4	25	75	100
		15S311L	AC - V Applied Physics Lab*	3	-			
	IV	15XS32L	SKBC – II - Image Editing Lab	2	2	0	100	100
		15GS	GS - Gender Studies (Self study)	0	1	0	100	100

SEM	PART	COURSE CODE	TITLE	HRS	CRE	CIA	EE	TOT
IV	I	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	II	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100
	III	15S311L	AC - V - Applied Physics Lab	3	4	25	75	100
		15S412	CC – VI - Database System	6	4	25	75	100
		15S413L	CC - V b - Software Lab - IV (RDBMS)	3	2	10	40	50
		15S414A	AC – VI - Applied Physics – II	6	4	25	75	100
	IV	15SSC	SSC - Soft Skills Course	0	2	0	100	100
V	III	15S515	CC – VII -Computer System Architecture	5	5	25	75	100
		15S516	CC - VIII -Principles of Operating System	5	5	25	75	100
		15S517	CC - IX - Programming in JAVA	5	5	25	75	100
		15S518L	CC – X - Software Lab - V(Java and Application Development)	6	5	25	75	100
		15S519a	EC - I - Principles of Computer Graphics	5	5	25	75	100
		15S519b	EC - I - Software Engineering					
		15S519c	EC - I - XML and Web Services					
	IV	15S5N a	NMEC- BPO and Health care	4	4		100	100
15S5N b	NMEC – Desk Top Publishing							
VI	III	15S620	CC – XI - Microprocessor and Microcontroller	6	5	25	75	100
		15S621	CC - XII - Computer Networks	6	5	25	75	100
		15S622	CC - XIII - Web Technology	6	5	25	75	100
		15S623L	CC - XIV - Software Lab - VI (Web Technology and Hardware)	6	5	25	75	100
		15S624a	EC - II - Multimedia and Animation Techniques	6	5	25	75	100
		15S624b	EC - II - Rapid Application Development Using Python					
		15S624c	EC - II - UML Programming					
		15SC	Comprehensive Course	0	4		100	100
	IV	15EA	EA - Extension Activities	0	1			
			Total	180	140			3800

NEHRU MEMORIAL COLLEGE [AUTONOMOUS]

MASTER OF SCIENCE[COMPUTER SCIENCE] FROM 2015-2016

Course codes	TITLE	HRS	CREDIT	CIA	EE	TOTAL
SEMESTER - I						
15PS101	CC-I - Automata Theory	6	5	40	60	100
15PS102	CC-II- Operating System	6	5	40	60	100
15PS103	CC-III- Data Base System	6	5	40	60	100
15PS104	CC-IV- Object Oriented analysis and Design	6	5	40	60	100
15PS105L	CC-V – Lab-I-Software Lab (os and Data Base Design)	6	4	40	60	100
SEMESTER - II						
15PS206	CC-VI-Programming using JAVA	4	4	40	60	100
15PS207	CC-VII – Data Structures and Algorithms	4	4	40	60	100
15PS208	CC-VIII – Principles of Wireless Net-Work	4	4	40	60	100
15PS209L	CC-IX-Lab-II- Java & Date Structures	6	4	40	60	100
15PS210a	CEC-I- Data Mining and Data Ware Housing	6	4	40	60	100
15PS210b	CEC-I- Grid Computing					
15PS210c	CEC-I- Software Project Management					
15PS211a	OEC – Web Application Architecture	6	4	40	60	100
15PS211b	OEC – Web Technology					
15PS211c	OEC – Haskell Programming					
SEMESTER – III						
15PS312	CC-X –Microprocessor And Microcontroller	4	4	40	60	100
15PS313	CC-XI-Principles of Compiler Design	4	4	40	60	100
15PS314	CC-XII – Distributed Programming Using J2EE	4	4	40	60	100
15PS315	CC-XIII- Graphics and Human Computer Interaction	6	4	40	60	100
15PS316L	CC-XIV -Lab - III – (J2EE)	6	4	40	60	100
15PS317a	CEC-II Cloud Computing	6	4	40	60	100
15PS317b	CEC-II Service Oriented Architecture					
15PS317c	CEC-II Software Testing					

SEMESTER - IV						
15PS418a	CEC-III Big Data Analytics	6	4	40	60	100
15PS418b	CEC-III Network Security					
15PS418c	CEC-III Rapid Application Development Using Python					
15PS419a	CEC-IV Machine Learning	6	4	40	60	100
15PS419b	CEC-IV Pervasive Computing					
15PS419c	CEC-IV Software Quality Assurance					
15PS420P	CC-XV PROJECT	18	10	-	100	100
	TOTAL	120	90	760	1240	2000

Course Type	
CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
OEC	Open Elective Course
CEC	Core Elective Course
PW	Project Work

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
Post Graduate Programme- M.Sc., Embedded Course Structure
(For the candidates admitted from 2015 - 2016 onwards)

SEM	Course Code	Title of Course	Inst. Hours/Week	Credits	Int.	Ext.	Total	
I	15PE101	CC-I- Introduction to Embedded Systems	6	5	40	60	100	
	15PE102	CC-II Sensors and Signal Conditioning	6	5	40	60	100	
	15PE103	CC-III The 8051 Microcontroller architecture and Programming	6	5	40	60	100	
	15PE104L	CC-IV- The 8051 Microcontroller Programming Lab	6	3	40	60	100	
	15EP105a	CEC - I The C programming Language	6	4	40	60	100	
	Total			30	22	200	300	500
II	15PE206	CC-V- Engineering Mathematics	5	5	40	60	100	
	15PE207	CC-VI-Design of Embedded Systems with PIC Microcontroller	5	5	40	60	100	
	15PE208	CC-VII- Real Time Operating Systems	5	5	40	60	100	
	15PE209L	CC-VIII- PIC Microcontroller Programming Lab	6	3	40	60	100	
	15PE210P	CC-IX- Mini Project	4	4		100	100	
	15PE211c	OEC- AVR Microcontroller Architecture and Applications	5	4	40	60	100	
	Total			30	26	200	400	600
III	15PE312	CC-X-ARM Cortex Microcontroller and Programming	5	5	40	60	100	
	15PE313	CC-XI- PSoC Architecture and Applications	5	5	40	60	100	
	15PE314L	CC-XII- ARM & PSoC Microcontroller Programming Lab	6	3	40	60	100	
	15PE315	CC-XIII- Embedded Networks and Protocols	5	5	40	60	100	
	15PE316P	CC-XIV- Mini Project	4	3	-	100	100	
	15PE317a	CEC-II- Programming in java	5	4	40	60	100	
		SOC - I Internship	-	4	100	-	100	
	Total			30	29	300	400	700
IV	15PE419b	CEC-III- Wireless Sensor Networks	6	4	40	60	100	
	15PE420b	CEC-IV- Mechatronics	6	4	40	60	100	
	15PE421P	CC-XV-Project Work	18	9		100	100	
	Total			30	17	80	220	300
	Grand Total			120	94	780	1320	2100

Course Type	
CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
SOC	Skill Oriented Course
OEC	Open Elective Course
CEC	Core Elective Course
PW	Project Work
MP	Mini Project

NEHRU MEMORIAL COLLEGE (Autonomous)
Under Graduate Programme (Mathematics)-Course Structure CBCS

Sem	Code	Part	Title of Course	Hrs/Wk	Cr	Marks		
						Int	Ext	Tot
I	15T101	I	LC I -Tamil I	6	3	25	75	100
	15H101	II	ELC II-English I	6	3	25	75	100
	15M101	III	CC I- Calculus	5	4	25	75	100
	15M102	III	CC II-Trigonometry and Algebra	4	4	25	75	100
	15M103A	III	AC I- Allied Physics- I	4	4	25	75	100
	15M104L	III	AC II –Allied Physics Lab*	3	-	-	-	-
	15VED	IV	VE Value Education	2	1	-	100	100
	Total		7	30	19	125	475	600
II	15T202	I	LC II -Tamil II	6	3	25	75	100
	15H202	II	ELC II -English II	6	3	25	75	100
	15M205	III	CC III Differential Equations, Applications and Laplace Transforms	7	5	25	75	100
	15M104L	III	AC II – Physics Lab*	3	4	25	75	100
	15M206A	III	AC III- Allied Physics- II	4	4	25	75	100
	15EVS	IV	ES Environmental Science	2	1	-	100	100
	15XM21L	IV	SKBC I- MS Office	2	2	-	100	100
	Total		7	30	22	125	575	700
III	15T303	I	LC III-Tamil III	6	3	25	75	100
	15H303	II	ELC III-English III	6	3	25	75	100
	15M307	III	CC IV- Analytical Geometry & Summation of Series	5	5	25	75	100
	15M308A	III	AC IV- Probability and Statistics I	6	4	25	75	100
	15M309A	III	AC V - Probability & Statistics II	5	4	25	75	100
	15XM32L	IV	SKBC II – SCILAB	2	2	-	100	100
	15GS	IV	GS Gender Studies	---	1	-	100	100
	Total		7	30	22	125	575	700
IV	15T404	I	LC IV-Tamil IV	6	3	25	75	100
	15H404	II	ELC IV-English IV	6	3	25	75	100
	15M410	III	CC V -Vector Calculus, Fourier Series & Fourier Transforms	6	5	25	75	100
	15M411	III	CC VI – Real Analysis I	6	5	25	75	100
	15M412AL	III	AC VI - R Programming Lab	6	4	25	75	100
	15SSC	IV	SS- Soft Skill Course	---	2	-	100	100
		Total		6	30	22	125	475
V	15M513	III	CC VII- Modern Algebra	5	5	25	75	100
	15M514	III	CC VIII- Real Analysis II	5	5	25	75	100
	15M515	III	CC IX Graph Theory	6	4	25	75	100
	15M516	III	CC X- Discrete Mathematics	5	4	25	75	100
	15M517*	III	EC I	5	5	25	75	100
	15M5N	IV	NMEC: Quantitative Aptitude	4	4	-	100	100
	Total		6	30	27	125	475	600
VI	15M618	III	CC XI – Complex Analysis	6	5	25	75	100
	15M619	III	CC XII- Mechanics	6	4	25	75	100
	15M620	III	CC XIII- Number Theory	6	5	25	75	100
	15M621 T/L	III	CC IV (T/L) – Programming in JAVA with Lab	6	4	25	75	100

	15M622*	III	EC II	6	5	25	75	100
	15MC	IV	CH -Comprehensive Course	---	4	-	100	100
		Total	630		27	125	475	600
		V	EA Extension Activities		1			
TOTAL				180	140	750	3050	3800

For the candidates admitted from 2015-2016 onwards

***EC Electives:**

Sem	Code	Course
V	15M517b	Fuzzy Theory
	15M517a	Numerical Methods
VI	15M622c	Astronomy
	15M622b	Mathematical Modeling
	15M622a	Operations Research

NEHRU MEMORIAL COLLEGE (AUTONOMOUS), PUTHANAMPATTI-621 007
M.Sc Mathematics Course Structure under CBCS Pattern 2015

Sem	Sub. Code	Course	Subject Title	Hrs/ wk	Credits	Internal	External	Total	
I	15PM101	CC 1	Linear Algebra	6	5	40	60	100	
	15PM102	CC 2	Real Analysis	6	5	40	60	100	
	15PM103	CC 3	Ordinary Differential Equations	6	5	40	60	100	
	15PM104	CC 4	Integral Equations, Calculus of Variations and Fourier Transforms	6	4	40	60	100	
	15PM105	CC 5	Graph Theory	6	4	40	60	100	
	TOTAL				30	23	200	300	500
II	15PM206	CC 6	Abstract Algebra	6	5	40	60	100	
	15PM207	CC 7	Complex Analysis	6	5	40	60	100	
	15PM208	CC 8	Topology	6	5	40	60	100	
	15PM209	CC 9	Partial Differential Equations	6	4	40	60	100	
		OEC	** (open to all)	6	4	40	60	100	
	TOTAL				30	23	200	300	500
III	15PM311	CC 10	Functional Analysis	6	5	40	60	100	
	15PM312	CC 11	Measure and Integration	6	5	40	60	100	
	15PM313	CC 12	Number Theory	6	4	40	60	100	
		CEC 1	*	6	4	40	60	100	
		CEC 2	*	6	4	40	60	100	
	TOTAL				30	22	200	300	500
IV	15PM416	CC 13	Differential Geometry	6	5	40	60	100	
	15PM417	CC 14	Stochastic Process	6	4	40	60	100	
	15PM420P	CC 15	Project Work	6	5	40	60	100	
		CEC 3	*	6	4	40	60	100	
		CEC 4	*	6	4	40	60	100	
	TOTAL				30	22	200	300	500
	GRAND TOTAL				120	90	800	1200	2000

***Candidates has to choose any one of the Core Elective Courses(CEC) offered by our department.**

**** Candidates has to choose any one of the Open Elective Courses(OEC) offered by our /other department**

B.S.C PHYSICS COURSE STRUCTURE UNDER CBCS PATTERN

SE M	Part	Course Title	Sub Code	Hrs/ Week	Credit	Ex Hr	Marks		Total	
							IA	EA		
I	I	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	15T101a	6	3	3	25	75	100	
	II	ELC - I English for Communicative Competence	15H101	6	3	3	25	75	100	
	III		CC-I-Properties of Matter and Sound	15P101	4	4	3	25	75	100
			CC-II Major Practical-I	15P102L	3	-	-	-	-	-
			AC-I-Allied Mathematics-I	15P103A	5	4	3	25	75	100
			AC-II-Allied Mathematics –II	15P104A	4	4	-	25	75	100
	IV	Value Education	15VEDa	2	1	3	-	100	100	
II	I	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	15T202a	6	3	3	25	75	100	
	II	ELC - II English for Proficiency	15H202	6	3	3	25	75	100	
	III		CC-II*- Major Practical-I	15P102L	3	4	3	25	75	100
			CC-III- Mechanics	15P205	6	4	3	25	75	100
			AC-III- Allied Mathematics –III	15P206A	5	4	3	25	75	100
	IV		EVS -Environmental Science	15EVS	2	1	3	-	100	100
			SKBC-I-Scientific Computing in Physics (Theory and Practice)	15XP21	2	2	3	-	100	100
III	I	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	15T303	6	3	3	25	75	100	
	II	ELC - III English for Employability	15H303	6	3	3	25	75	100	
	III		CC-IV-Thermal Physics	15P307	5	4	3	25	75	100
			CC-V*- Major Practical-II	15P308L	3	-	-	-	-	-
			AC-IV-Allied Chemistry-I	15P309A	5	4	3	25	75	100
			AC-V*-Allied Chemistry Practical	15P310L	3	-	-	-	-	-
	IV	SKBC-II-Testing of Electronic Components (Practical)	15XP32L	2	2	3	-	100	100	
V	GS-GENDER STUDIES (Self study)	15GS	-	1	-	-	100	100		
I	LC-IV- செய்யுள் (பழந்தமிழ்	15T404	6	3	3	25	75	100		

SE M	Part	Course Title	Sub Code	Hrs/ Week	Credit	Ex Hr	Marks		Total	
							IA	EA		
IV		இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்								
	II	ELC-IV- English through Literary Texts	15H404	6	3	3	25	75	100	
	III		CC-V*- Major Practical-II	15P308L	3	4	3	25	75	100
			CC-VI-Optics	15P411	6	4	3	25	75	100
			AC-V*-Allied Chemistry Practical	15P310L	3	4	3	25	75	100
			AC-VI- Allied Chemistry-II	15P412A	6	4	3	25	75	100
IV		SSC – Soft Skills Course	15SSC	0	2	3	-	100	100	
V	III	CC-VII-Electricity and Magnetism	15P513	5	5	3	25	75	100	
		CC-VIII-Atomic and Nuclear Physics	15P514	5	5	3	25	75	100	
		CC-IX-Fundamentals of Electronics	15P515	5	5	3	25	75	100	
		CC-X*- Major Practical-III	15P516L	3	-	-	-	-	-	
		CC-XI*- Major Practical IV	15P517L	3	-	-	-	-	-	
		EC-I –C Programming and Numerical Methods	15P518	5	5	3	25	75	100	
		NMEC- Biophysics	15P5Na	4	4	3	-	100		100
		NMEC- Energy Physics	15P5Nb							
VI	III	CC-X*- Major Practical-III	15P516L	3	5	6	25	75	100	
		CC-XI*- Major Practical IV	15P517L	3	5	6	25	75	100	
		CC-XII-Quantum Mechanics and Relativity	15P619	6	5	3	25	75	100	
		CC-XIII-Solid State Physics	15P620	6	5	3	25	75	100	
		CC-XIV-Digital Electronics	15P621	6	5	3	25	75	100	
		EC-II-Microprocessor and Microcontroller	15P622	6	5	3	25	75	100	
	IV		Comprehensive Course	15PC	-	4	3		100	100
V		EA -Extension Activities	15EA		1					
		Grand total		180	140		750	3050	3800	

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
Post Graduate Programme- M.Sc., Physics Course Structure CBCS
(For the candidates admitted from 2015 - 2016 onwards)

SEM	Course Code	Title of Course	Inst. Hours/Week	Credits	Int.	Ext.	Total
I	15PP101	CC-I Mathematical Physics - I	6	5	40	60	100
	15PP102	CC-II Classical Dynamics and Special Relativity	6	5	40	60	100
	15PP103	CC-III- Analog and Digital Electronics	6	5	40	60	100
	15PP104	CC-IV- Instrumentation techniques	6	5	40	60	100
II	15PP205L	CC-V- Practical -I General Physics and Computer Programming	3	4	40	60	100
	15PP206L	CC-VI- Practical -II Electronics and Instrumentation	3	4	40	60	100
	15PP207	CC- VII- Mathematical Physics - II	6	5	40	60	100
	15PP208	CC-VIII- Electromagnetic Theory	6	5	40	60	100
	15PP209	CC-IX-Quantum Mechanics	6	5	40	60	100
	15PP210	OEC-Microcontroller and its Applications	6	4	40	60	100
III	15PP311	CC-X- Statistical Mechanics	6	5	40	60	100
	15PP312	CC-XI- Nuclear and Particle Physics	6	5	40	60	100
	15PP313L	CC-XII Practical - III Advanced General Physics	3	4	40	60	100
	15PP314L	CC-XIII Practical - IV Digital Electronics And Microcontroller Programming	3	4	40	60	100
	15PP315	CEC-I- Atomic and Molecular Physics	6	4	40	60	100
	15PP316	CEC-II- Crystal growth and Thin Films	6	4	40	60	100
IV	15PP417	CC- XIV- Solid State Physics	6	4	40	60	100
	15PP418	CEC-III- Electronic communication Systems	6	4	40	60	100
	15PP419	CEC- IV - Nano Science	6	4	40	60	100
	15PP420P	CC-XV- Project work	6	5	40	60	100
	TOTAL			108	90	800	1200

Course Type	
CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
OEC	Open Elective Course
CEC	Core Elective Course
PW	Project Work

B.S.C ZOOLOGY COURSE STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)

Sem	Part	Title of the Course(s)	Hrs/ week	credits	Ma rks		Total	
					Int.	Ext.		
I	I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H101	ELC - I English for Communicative Competence	6	3	25	75	100
	III	15Z101	CC-I -Invertebrata-I	6	5	25	75	100
		15Z102L	CC-II - Practical - I (Invertebrata –I & II)*	3	-	-	-	-
		15Z103A	A C –I – Botany	4	4	25	75	100
		15Z104L	AC –II – Botany Practical	3	-	-	-	-
	IV	15VEDa	VE-Value Education	2	1	-	100	100
		Total	30	16	-	-	500	
II	I	15T202a	LC-II- செய்யுள் (பக்தி, இடைக்கால இலக்கியம்) தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H202	ELC-II- English for Proficiency	6	3	25	75	100
	III	15Z102L	CC –II- Practical-I (Invertebrata-I & II)	3	4	25	75	100
		15Z205	CC-III- Invertebrata-II	4	4	25	75	100
		15Z104L	A C –II – Botany Practical	3	4	25	75	100
	IV	15Z206A	A C –III -Botany	4	4	25	75	100
		15EVS	EVS -Environmental Science	2	1	-	100	100
		15XZ21	SKBC-I -Apiculture, Sericulture and Fish culture	2	2	-	100	100
		Total	30	25	-	-	800	
III	I	15T303	LC-III - செய்யுள் (காப்பியங்கள்), புதினம், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H303	ELC-III- English for Employability	6	3	25	75	100
	III	15Z307	CC – IV –Chordata	5	5	25	75	100
		15Z308L	CC– V Practical –II (Chordata, Cell and Molecular Biology)*	3	-	-	-	-
		15Z309A	AC – IV – Allied Chemistry –I	5	4	25	75	100
		15Z310L	AC– V- Allied Chemistry Practical	3	-	-	-	-
	IV	15XZ32	SKBC-II- Poultry and Dairy Farming	2	2	-	100	100
	15GS	GS-Gender Studies (Self study)	0	1	-	100	100	
		Total	30	18	-	-	600	
IV	I	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100
	II	15H404	ELC-IV- English through Literary	6	3	25	75	100

			Texts					
	IV	15Z411	CC–VI -Cell and Molecular Biology	6	5	25	75	100
		15Z308L	C C–V - Practical –II (Chordata, Cell and Molecular Biology)	3	4	25	75	100
		15Z310L	AC – V – Allied Chemistry - Practical	3	4	25	75	100
		15Z412A	AC –VI - Allied Chemistry –II	6	4	25	75	100
		15SSC	SSC- Soft Skills Course	0	2	-	100	100
			Total	30	25	-	-	700
V	III	15Z513	CC – VII -Biochemistry and Physiology	5	5	25	75	100
		15Z514	CC – VIII - Genetics	5	5	25	75	100
		15Z515	CC– IX -Developmental Biology	5	4	25	75	100
		15Z516L	C C– X Practical –III (Biochemistry and Physiology, Genetics, Developmental Biology)	6	5	25	75	100
		15Z517a	EC –I- Biostatistics and Bio-Instrumentation	5	5	25	75	100
		15Z517b	EC –I – Pests and their Management					
	IV	15Z5Na	NMEC- Bio source Technology	4	4	-	100	100
		15Z5Nb	NMEC – Medical Laboratory Technology					
15Z5Nc		NMEC –Public Health and Hygiene						
			Total	30	28	-	-	600
VI	III	15Z618	CC– XI - Ecology and Evolution	6	5	25	75	100
		15Z619	CC – XII - Microbiology and Immunology	6	4	25	75	100
		15Z620	CC – XIII - Biotechnology and Bioinformatics	6	4	25	75	100
		15Z621L	CC – XIV -Practical –IV (Ecology & Evolution, Microbiology & Immunology, Biotechnology & Bioinformatics)	6	5	25	75	100
		15Z622a	EC –II-Economic Entomology	6	5	25	75	100
		15Z622b	EC –II- Wild life Biology					
	IV	15ZC	Comprehensive Course	0	4	-	100	100
		15EA	EA-Extension Activities	-	1	-	-	-
			Total	30	28	-	-	600
			Over all Total	180	140	-	-	3800

* Examination will be conducted at the end of even semester

Elective Course-I

- Biostatistics and Bio-Instrumentation
- Pests and their Management

Non-Major Based Electives-I:

- Bioresource Technology
- Medical laboratory Technology
- Public Health and Hygiene

Elective Course -II

- Economic Entomology
 - Wildlife Biology
- Skill Based Course I – Apiculture, Sericulture and Fish culture
Skill Based Course II – Poultry Farming and Dairy Farming

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
Post Graduate Programme- M.Sc., Zoology Course Structure
(For the candidates admitted from 2015 - 2016 onwards)

Semester	Course Code (s)	Course Title	Hrs/week	Credits	Exam Hrs.	Marks		Total
						Int	Ext	
I	15PZ101	CC-I Animal Diversity	6	5	3	40	60	100
	15PZ102	CC-II Cell and Molecular Biology	6	5	3	40	60	100
	15PZ103	CC-III Animal Physiology	6	5	3	40	60	100
	15PZ104L	CC-IV-Practical (Covering CC-I to CC-III)	6	4	3	40	60	100
	15PZ105a	CEC-I- Applied Entomology	6	4	3	40	60	100
	15PZ105b	CEC-I- Biophysics						
	15PZ105c	CEC-I- Clinical Analysis and Laboratory Techniques						
	Total			30	23	15	200	300
II	15PZ206	CC-V- Developmental Biology	6	5	3	40	60	100
	15PZ207	CC-VI- Genetics and Evolution	6	5	3	40	60	100
	15PZ208L	CC-VII-Practical (Covering CC-V to CC-VI)	6	4	3	40	60	100
	15PZ209a	OEC - Human Health and Hygiene	6	4	3	40	60	100
	15PZ209b	OEC - Medical Zoology						
	15PZ210a	CEC-II- Ethology	6	4	3	40	60	100
	15PZ210b	CEC-II- Marine Biology						
	15PZ210c	CEC -II- Wildlife Biology and Management						
Total			30	22	15	200	300	500
III	15PZ311	CC-VIII- Research Methodology and Biotechniques	6	5	3	40	60	100
	15PZ312	CC-IX- Biostatistics and Bioinformatics	6	5	3	40	60	100
	15PZ313	CC-X- Biochemistry	6	5	3	40	60	100
	15PZ314L	CC-XI- Practical (Covering CC-VIII to CC-X)	6	4	3	40	60	100
	15PZ315a	CEC-III-Applied Biotechnology	6	4	3	40	60	100
	15PZ315b	CEC-III-Genetic Engineering						
	15PZ315c	CEC-III-Nanobiotechnology						
Total			30	23	15	200	300	500
IV	15PZ416	CC-XII- Environmental Biology and Toxicology	6	4	3	40	60	100
	15PZ417	CC-XIII- Microbiology and Immunology	6	5	3	40	60	100
	15PZ418L	CC-XIV- Practical (Covering CC-XII&CC-XIII)	6	4	3	40	60	100
	15PZ419a	CEC-IV- Aquaculture	6	4	3	40	60	100
	15PZ419b	CEC-IV-Endocrinology						
	15PZ419c	CEC-IV-Medical Parasitology						
	15PZ420P	CC-XV Project work	6	5		40	60	100
	Total			30	22	12	200	300
Grand Total			120	90	57	800	1200	2000

Course Type	
CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
SC	Supportive Courses
OEC	Open Elective Course
CEC	Core Elective Course
PW	Project Work

**B.Sc HOTEL MANAGEMENT AND CATERING SCIENCE COURSE
STRUCTURE UNDER CBCS PATTERN
(For the Candidates admitted from 2015 – 2016 Academic year onwards)**

SEM	Sub.Code	PART	Title of the course(s)	In Hrs	Credit	CIA	Ext	Total
I	15HMHI101	I	LC – I - HINDI	6	3	25	75	100
	15HMH101	II	ELC I – COMMUNICATIVE ENGLISH	6	3	25	75	100
	15HM101	III	CC- 1 – FOOD PRODUCTION -I	5	5	25	75	100
	15HM102L	III	CC – II *-FOOD PRODUCTION - PRACTICAL	3	-	-	-	-
	15HM103A	III	AC - I –FOOD AND BEVERAGE SERVICE-I	5	5	25	75	100
	15HM104L	III	AC- II* - FOOD AND BEVERAGE SERVICE- PRACTICAL	3	-	-	-	-
	15VED	IV	VE-VALUE EDUCATION	2	1	-	100	100
	Total Hours and Credits (SEMESTER – I)				30	17	-	-
II	15HMHI202	I	LC –II-HINDI	6	3	25	75	100
	15HMH202	II	ELC – II – COMMUNICATIVE ENGLISH	6	3	25	75	100
	15HM102L	III	CC – II *-FOOD PRODUCTION PRACTICAL	3	4	25	75	100
	15HM205	III	CC -III-FRONT OFFICE MANAGEMENT	4	4	25	75	100
	15HM104L	III	AC- II * - FOOD AND BEVERAGE SERVICE PRACTICAL	3	4	25	75	100
	15HM206A	III	AC- III - ACCOMMODATION MANAGEMENT	4	4	25	75	100
	15EVS	IV	ENVIRONMENTAL SCIENCE	2	1	-	100	100
	15XHM21	IV	SKBC –I -INTERNET & WEB DESIGN	2	2	-	100	100
Total Hours and Credits (SEMESTER – II)				30	25	-	-	-
III	15HMHI303	I	LC-III-HINDI	6	3	25	75	100
	15HMH303	II	ELC – III-COMMUNICATIVE ENGLISH	6	3	25	75	100
	15HM307	III	CC-IV – FOOD PRODUCTION -II	5	5	25	75	100
	15HM308L	III	CC-V*- FRONT OFFICE MANAGEMENT PRACTICAL	4	-	-	-	-
	15HM309A	III	AC-IV-FOOD AND BEVERAGE SERVICE –II	4	3	25	75	100
	15HM310L	III	AC-V*- ACCOMMODATION MANAGEMENT PRACTICAL	3	-	-	-	-
	15XHM32	IV	SKBC –II – Image Editing Lab	2	2	-	100	100
	15GS	IV	GS -GENDER STUDIES (Self Study)	-	1	-	100	100
Total Hours and Credits (SEMESTER – III)				30	17	-	-	-

SEM	Sub.Code	PART	Title of the course(s)	In Hrs	Credit	CIA	Ext	Total
IV	15HMH404	I	LC – IV – HINDI	6	3	25	75	100
	15HMH404	II	ELC-IV-COMMUNICATIVE ENGLISH	6	3	25	75	100
	15HM308L	III	CC-V*-FRONT OFFICE MANAGEMENT PRACTICAL	4	4	25	75	100
	15HM411L	III	CC-VI-FOOD PRODUCTION PRACTICAL – II	6	4	25	75	100
	15HM310L	III	AC-V* - ACCOMMODATION MANAGEMENT PRACTICAL	3	4	25	75	100
	15HM412A	III	AC-VI – HOSPITALITY SERVICES	5	4	25	75	100
	15SSC	IV	SSC -SOFT SKILLS COURSE	-	2	-	100	100
	Total Hours and Credits (SEMESTER – IV)				30	24	-	-
V	15HM513	III	CC-VII- FOOD PRESERVATION	5	5	25	75	100
	15HM514	III	CC-VIII- FOOD PRODUCTION THEORY (BK)	5	5	25	75	100
	15HM515	III	CC-IX -- HOTEL LAW	5	4	25	75	100
	15HM516L	III	CC-X* - FOOD AND BEVERAGE SERVICE PRACTICAL -II	3	-	-	-	-
	15HM517L	III	CC-XI*- FOOD PRODUCTION PRACTICAL (BK) -II	3	-	-	-	-
	15HM518	IV	EC - 1 – BAR MANAGEMENT	5	5	25	75	100
	15HM5N	IV	NMEC –BASIC CATERING	4	4	-	100	100
	Total Hours and Credits (SEMESTER – V)				30	23	-	-
VI	15HM516L	III	CC-X*- FOOD AND BEVERAGE SERVICE PRACTICAL -II	5	5	25	75	100
	15HM517L	III	CC-XI*-FOOD PRODUCTION PRACTICAL (BK)-II	5	5	25	75	100
	15HM619	III	CC-XII – PRINCIPLES OF ACCOUNTING	5	5	25	75	100
	15HM620	III	CC-XIII- PERSONAL MANAGEMENT AND ENTERPRENURSHIP	5	4	25	75	100
	15HM621	III	CC - XIV – NUTRITION AND FOOD SCIENCE	5	5	25	75	100
	15HM622L	IV	EC- II -APPLICATION OF COMPUTER PRACTICAL	5	5	25	75	100
	15HMC	IV	COMPREHENSIVE COURSE	-	4	-	100	100
	15EA	IV	EXTENSION ACTIVITIES	-	1	-	-	-
	Total Hours and Credits (SEMESTER – VI)				30	34	-	-
GRAND TOTAL (for All Semesters)				180	140	750	3050	3800

NMEC offered by HMCS: 1.Bread and Cake Making 2. Basic Food Preparation

BCA COURSE STRUCTURE UNDER CBCS PATTERN

(For the Candidates admitted from 2015 – 2016 Academic year onwards)

Sem	Part	Course Code	TITLE	Hrs	Cr	CIA	EE	TOT
I	I	15T101a	LC-I- செய்யுள் (இக்கால இலக்கியம்), சிறுகதை, பயன்முறைத் தமிழ், தமிழ் இலக்கிய வரலாறு.	6	3	25	75	100
	II	15H101	ELC-I- English for Communicative Competence	6	3	25	75	100
	III	15A101	CC-I- Programming in Python	4	4	25	75	100
		15A102L	CC-IIa- Software Lab - I [Python]	3	2	10	40	50
		15A103A	AC-I- Statistical methods	5	4	25	75	100
		15A104A	AC-II- Operations Research for Computer Applications	4	4	25	75	100
	IV	15VEDa	VE-Value Education	2	1	-	100	100
II	I	15T202a	LC-II- செய்யுள் (பக்தி,இடைக்கால இலக்கியம்)தமிழ்ச் செம்மொழி வரலாறு, மொழிபெயர்ப்பியல், தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H202	ELC-II- English for Proficiency	6	3	25	75	100
	III	15A205	CC-III- Programming in C and Data Structures	6	4	25	75	100
		15A206L	CC IIIb- Software Lab - II [C and Data Structures]	3	2	10	40	50
		15A207A	AC-III- Algebra and calculus	5	4	25	75	100
	IV	15XA21	SKBC-I- Image Editing and Manipulation	2	2	-	100	100
		15EVS	EVS– Environmental Science	2	1	-	100	100
III	I	15T303	LC-III- செய்யுள் (காப்பியங்கள்),புதினம்,தமிழ் இலக்கிய வரலாறு	6	3	25	75	100
	II	15H303	ELC-III- English for Employability	6	3	25	75	100
	III	15A308	CC-IV- Data Base System	5	4	25	75	100
		15A309L	CC-Va- Software Lab - III [RDBMS]	3	2	10	40	50
		15A310A	AC-IV- Principles of Accountancy	5	4	25	75	100
		15A311L	AC-Va- Accounting Package lab	3	2	10	40	50
	IV	15XA32L	SKBC-II- Image Editing Lab	2	2	0	100	100
		15GS	GS- Gender Studies (Self study)	0	1	0	100	100

IV	I	15T404	LC-IV- செய்யுள் (பழந்தமிழ் இலக்கியம்), நாடகம், தமிழ் இலக்கிய வரலாறு, கட்டுரை வரைவியல்	6	3	25	75	100	
	II	15H404	ELC-IV- English through Literary Texts	6	3	25	75	100	
	III	15A412	CC-VI- Programming in Java	6	4	25	75	100	
		15A413L	CC-Vb- Software Lab - IV [Java]	3	2	10	40	50	
		15A414L	AC-Vb- Programming using 'R' Lab	3	2	10	40	50	
		15A 415	AC-VI-Programming using 'R'	6	4	25	75	100	
IV	15SSC	SSC- Soft Skills Course	0	2	0	100	100		
V	III	15A516	CC-VII- Data and Communication Network	5	5	25	75	100	
		15A517	CC-VIII- Operating System	5	5	25	75	100	
		15A518	CC-IX- Distributed Programming using .NET	5	5	25	75	100	
		15A519L	CC-X- Software Lab - V [.NET and System Administration]	6	5	25	75	100	
		15A520a	EC-I- Big Data Analytics	5	5	25	75	100	
		15A520b	EC-I- Cloud Computing						
		15A520c	EC-I- Mobile Commerce						
	IV	15A5Na	NMEC -BPO and Health Care	4	4	-	100	100	
15A5Nb		NMEC –Desk Top Publishing							
VI	III	15A621	CC-XI- Software Engineering	6	5	25	75	100	
		15A622	CC-XII- Mobile Apps Development	6	5	25	75	100	
		15A623	CC-XIII- Computer Graphics	6	5	25	75	100	
		15A624L	CC- XIV- Software Lab- VI [Mobile Apps Development and Application Development]	6	5	25	75	100	
		15A625a	EC-II- Ruby on Rails	6	5	25	75	100	
		15A625b	EC-II- Web Technology						
		15A625c	EC-II- XML and Web Services						
		15AC	Comprehensive Course	0	4	-	100	100	
	IV	15EA	EA- Extension Activities	0	1	-			
			TOTAL			180	140		3800

NEHRU MEMORIAL COLLEGE [AUTONOMOUS]									
MASTER OF COMPUTER APPLICATIONS									
STRUCTURE 2015 -2016									
	SEM	COU	TITLE	HRS	CRE	INT	EXT	TOT	
15PA101	I	CC1	Web Design using HTML & CSS	4	4	40	60	100	
15PA102		CC2	Operating System	4	4	40	60	100	
15PA103		CC3	Digital Design and Architecture	4	4	40	60	100	
15PA104L		CC4	Software Lab –1 (Web Desing)	4	2	40	60	100	
15PA105L		CC5	Software Lab-2 (System Administration)	4	2	40	60	100	
15PA106		SC1	Mathematical Foundations for Computer Applications	4	4	40	60	100	
15PA107		SC2	Human Resource Management	4	4	40	60	100	
15PASSA		CB	CBP I Soft Skill & Aptitude	2	-				
15PA208		II	CC6	Programming in C	4	4	40	60	100
15PA209	CC7		Data structures and Algorithms	4	4	40	60	100	
15PA210	CC8		Data Base System	4	4	40	60	100	
15PA211L	CC9		Software Lab-3 (c)	4	2	40	60	100	
15PA212L	CC10		Software Lab-4 (RDBMS)	4	2	40	60	100	
15PA213	SC3		Graph and Automata Theory	4	4	40	60	100	
15PA214	SC4		Financial and Management Accounting	4	4	40	60	100	
15PASSA	CB		Soft Skill & Aptitude	2	2	-	-	-	
15PA315	III	CC11	Programming in Java	4	4	40	60	100	
15PA316		CC12	Network Management and Security	4	4	40	60	100	
15PA317		CC13	Platform Based Development-I (Web)	4	4	40	60	100	
15PA318L		CC14	Software Lab-5 [Programming in (Java)]	4	2	40	60	100	
15PA319L		CC15	Software Lab-6[web development]	4	2	40	60	100	
15PA320		SC5	Operation Research	4	4	40	60	100	
15PA321a		CEC1	Data Mining & Ware Housing		4	4	40	60	100
15PA321b			Ruby On Rails						
15PA321c			Software Testing						
15PADPS		CBP2	Programming Skill		2	-	-	-	-
15PAIS			Internship			2			

NEHRU MEMORIAL COLLEGE [AUTONOMOUS]								
MASTER OF COMPUTER APPLICATIONS								
STRUCTURE 2015 -2016								
SEM	COU	TITLE	HRS	CRE	INT	EXT	TOT	
15PA422	IV	CC16	Distributed Programming Using J2EE	4	4	40	60	100
15PA423		CC17	Software Engineering	4	4	40	60	100
15PA424		CC18	Platform Based Development-II (Game Development)	4	4	40	60	100
15PA425L		CC19	Software Lab-7 (J2EE)	4	2	40	60	100
15PA426L		CC20	Software Lab-8 (Game Development)	4	2	40	60	100
15PA427		OEC	Open Elective Course	4	4	40	60	100
15PA428a		CEC	Service Oriented Architecture	4	4	40	60	100
15PA428b			Human Computer Interaction					
15PA428c			Business Intelligence					
15PADPS		CBP2	Programming Skill	2	2			
15PAMP			Mini Project		2	-	-	-
15PA529	V	CC21	Distributed Programming usine.NET	4	4	40	60	100
15PA530		CC22	Compiler Design	4	4	40	60	100
15PA531		CC23	Platform Based Development-III (Mobile apps)	4	4	40	60	100
15PA532L		CC24	Software Lab-9 [.NET]	4	2	40	60	100
15PA533L		CC25	Software Lab-10 (Mobile Apps Development)	4	2	40	60	100
15PA534a		CEC3	Big data Analytics	4	4	40	60	100
15PA534b			Haskell Programming					
15PA534c			Software Project Management					
15PA535a		CEC4	Cloud Computing	4	4	40	60	100
15PA535b			Graphics and Multimedia					
15PA535c			Machine Learning					
15PAPS	CBP3	Professional Skill	2	2	-	-	-	
15PA636P	VI		Project Work	-	10	-	100	100
Grand Total			150	140	1400	2200	3600	

Course Type	
CC(T)	Core Courses (Theory)
CC(L)	Core Courses (Practical)
SC	Supportive Courses
OEC	Open Elective Course
EC	Elective Courses
CBP	Competency Building Programme (CBP)
PW	Project Work
IS	Internship (End of Semester III)
MP	Mini Project (End of the Semester IV)
PS	Professional Skill Development