

ISLAMIAH COLLEGE (AUTONOMOUS)

Government Aided Minority Institution
Accredited by NAAC (3rd Cycle) with "A" Grade

Recognised by UGC u/s 2(f) & 12(B) of UGC Act, 1956 Affiliated to Thiruvalluvar University, Vellore

NEW TOWN, VANIYAMBADI – 635 752



Maintained & Managed by
THE VANIYAMBADI MUSLIM EDUCATIONAL SOCIETY
FORT, VANIYAMBADI

CALENDAR & STUDENTS' HANDBOOK 2023-2024

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In the Name of Allah, the Beneficent, the Merciful

Praise be to Allah, the Lord of the Worlds,

The Beneficent, the Merciful

Master of the Day of Judgement.

You alone we worship; You alone we ask for help.

Show us the straight path;

The path of those whom You have favoured;

Not (the path) of those who earn Your anger,

nor of those who go astray.

AAMEEN

Al-Quran

THE NATIONAL ANTHEM

Jana-gana-mana-adhinayaka, jaya he Bharata-bhagya-vidhata.
Punjab-Sindh-Gujarat-Maratha Dravida-Utkala-Banga
Vindhya-Himachala-Yamuna-Ganga Uchchala-Jaladhi-taranga.
Tava shubha name jage,
Tava shubha asisa mage,
Gahe tava jaya gatha,
Jana-gana-mangala-dayaka jaya he Bharata-bhagya-vidhata.
Jaya he, jaya he, jaya he,
Jaya jaya jaya, jaya he!

TRANSLATION OF NATIONAL ANTHEM

Thou art the ruler of the minds of all people,
Dispenser of India's destiny.
Thy name rouses the hearts of Punjab, Sind,
Gujarat and Maratha,
Of the Dravida and Odisha and Bengal;
It echoes in the hills of the Vindhyas and Himalayas,
mingles in the music of Jamuna and Ganges and is
chanted by the waves of the Indian Sea.
They pray for thy blessings and sing thy praise.
The saving of all people waits in thy hand,
Thou dispenser of India's destiny.
Victory, victory, victory to thee.

NATIONAL PLEDGE

India is my country, all Indians are my brothers and sisters. I love my country and I am proud of its rich and varied heritage. I shall always strive to be worthy of it. I shall give my parents, teacher and all elders respect and treat everyone with courtesy. To my country and my people, I pledge my devotion. In their well being and prosperity alone lies my happiness.

TAMIL THAI VAZHTHU

நீராருங் கடலுடுத்த நிலமடந்தைக் கெழிலொழுகும் சீராரும் வதனமெனத் திகழ்பரதக் கண்டமிதில் தெக்கணமும் அதிற்சிறந்த திராவிடநல் திருநாடும் தக்கசிறு பிறைநுதலும் தரித்தநறுந் திலகமுமே அத்திலக வாசனைபோல் அனைத்துலகும் இன்பமுற எத்திசையும் புகழ்மணக்க இருந்தபெருந் தமிழணங்கே! தமிழணங்கே!

உன் சீரிளமைத் திறம்வியந்து செயல்மறந்து வாழ்த்துதுமே! வாழ்த்துதுமே! வாழ்த்துதுமே!

VISION & MISSION

Vision

 To provide quality and relevant education to the poor, downtrodden and minority students with a view to uplifting the society and contributing to the development of the nation.

Mission

- To provide more and better opportunities for higher learning and research
- To diversify courses of studies to make them more relevant to present day societal and industrial needs
- To synthesise arts and sciences with modern
 Technological innovations and programmes.

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BRIEF HISTORY

ISLAMIAH COLLEGE is a symbol of devotion to education and love for learning of the Muslims of Vaniyambadi, who in their zeal for translating into action the message of Sir Syed Ahmed Khan, established the Vaniyambadi Muslim Educational Society in 1901. The Society was registered in 1905 and soon under its auspices the Islamiah Elementary School was started. The phenomenal growth of the school was due to the untiring and dedicated services and leadership of Janab T. Hajee Badruddin Sahib, Janab Malang Hayath Basha Sahib, Janab T. Ameeenuddin Sahib and Janab Malang Ahmed Basha Sahib. The full-fledged Islamiah High School came into being in 1912.

In 1915, the society resolved to establish the Islamiah College, and the foundation stone of the college was laid by His Excellency Lord Pentland, the then Governor of Madras Province. With princely donations from the Muslim philanthropists, the College was started in 1919 and got recognition in July 1921. The building in which the College is housed at present was opened by Nawab C. Abdul Hakeem Sahib.

In 1946, the College was upgraded, offering instruction in the two year degree courses in B.A. Economics and B.Com. In 1954, B.A. Mathematics was started. In 1956, the college got affiliation for the pre-University and the three year degree courses, B.A. B.Sc. and B.Com. and the courses were started in 1957.

The College got affiliation from the University for various additional courses.

S.No.	Name of the	Major Subject	Year of
	Course		Affiliation
1	B.Sc.	Chemistry	1963
2	B.A.	History	1967
3	B.Sc.	Zoology	1967
4	M.A.	History	1974
5	M.Com.	Commerce	1975
6	M.Sc.	Mathematics	1976
7	B.Sc.	Physics	1981
8	B.A.	Corp. Sec.	1982
9	B.A.	Indl. Orgn.	1983
10	B.Sc.	Biochemistry	1985
11	M.Phil.	Commerce	1986
12	M.Sc.	Chemistry	1986
13	B.Sc.	Computer Sc.	1988

To cater to the needs of the community in changing circumstances B.A. (Industrial Organisation) was converted to B.B.A. in 2005 and B.Sc. (Zoology) was converted to B.Sc. (Biotechnology) in 2006.

The College got affiliation for the following unaided courses:

S.No.	Name of the	Major Subject	Year of
	Course		Affiliation
1	Ph.D.	Commerce	1986
2	M.Phil.	Mathematics	1988
3	M.Phil.	History	1993
4	Ph.D.	History	1996
5	M.Sc.	Biochemistry	1998
6	M.Sc.	Physics	1999
7	M.Phil.	Chemistry	2000
8	B.C.A.	Comp. Appl.	2000
9	Ph.D.	Chemistry	2005
10	Ph.D.	Mathematics	2005
11	M.Phil.	Biochemistry	2009

12	M.Phil.	Physics	2009
13	B.A.	English Lit.	2010
14	M.A.	English Lit.	2010
15	M.Sc.	Biotechnology	2010
16	Ph.D.	Physics	2010
17	Ph.D.	Tamil	2012
18	B.Sc.	Computer Sc.	2013
19	M.Phil.	Biotechnology	2013
20	Ph.D.	Biotechnology	2014
21	Ph.D.	Biochemistry	2016
22	Ph.D.	Hindi	2016
23	B.Com.	Commerce	2016
24	Ph.D.	English	2018
25	Ph.D	Urdu	2019
26	B.Sc.	Chemistry	2019
27	B.Sc.	Data Science	2022

In view of the changing scenario two courses namely, B.A. (Economics) and B.Com. (Corporate Secretaryship) were converted to B.Com. (Finance & Accounts) and B.Com. (Computer Applications) respectively with effect from the academic year (2010-11) to make the students of these two courses more employable.

The College which had a humble beginning in 1919 has now grown up to a full-fledged P.G. and Research Institution catering to the needs of the rural lot who would have otherwise not dreamt of taking a Research Degree.

Consequent to the establishment of Thiruvalluvar University, this College has been affiliated to Thiruvalluvar University from the academic year 2002-2003. In pursuance of the academic excellence and to implement the suggestion of the NAAC peer team, the College applied for Autonomy in the year 2008. The

expert team inspected the College in March 2010 and it recommended Autonomy. The College was thus conferred Autonomy with effect from the academic year 2010-2011 and we have successfully completed the first phase of autonomy during the academic year 2015-2016. The UGC has granted extension of Autonomy to the College for a period of six years from 2016-17 to 2021-22. The College has been reaccredited by National Assessment and Accreditation Council (NAAC), Bengaluru with "A" Grade from February 2014. The College has been accredited by NAAC with "A" Grade again during the 3rd cycle for 5 years from 02.02.2021 to 01.02.2026. By the grace of Almighty, The University Grants Commission, New Delhi has granted further extension of Autonomy to the College for a period of 10 years from 2022-23 to 2031-32.

The aim of the College is to foster in the teachers and students, and through them in society, the attitudes and values needed for developing "good life" in individuals and society.

The College has earned for Vaniyambadi a place in the educational map of India. The College keeps its portals open to the members of all castes and communities.

OFFICE-BEARERS - PAST AND PRESENT

PRESIDENTS

1	Janab	Sailappai Abdul Khader Sahib	1902-1905
2	Janab	Moulvi Al-Haj Ziauddin Mohamed Sahib	1905-1935
3	Janab	C. Abdul Hakim Sahib	1935-1938
4	Janab	Moulvi Al-Haj Ziauddin Mohamed Sahib	1938-1941
5	Janab	Malayalam Hajee Abdul Raheem Sahib	1941-1944
6	Janab	Malang Ahmed Basha Sahib	1944-1947
7	Janab	P.R. Md. Fazlullah Sahib, B.A.,B.L.	1947-1948
8	Janab	Kaniyambadi Abdul Wahab Sahib	1948-1951
9	Janab	N.M. Anwar Sahib, M.A.	1951-1973
10	Janab	Dr.J. Azeezur Rahman Sahib, M.B.B.S.	1973-1981
11	Janab	Dr.G.Hajee Abdul Shukoor Sahib, M.B.B.S.	1981-1984
12	Janab	Pallan Hajee Khaleelur Rahman Sahib	1984-1986
13	Janab	V.P. Naimur Rahman Sahib	1986-1991
14	Janab	Motoor Nazeer Ahmed Sahib	1991-1997
15	Janab	C.Abdul Malick Sahib, B.Com.	1997-2005
16	Janab	M.L.Mohamed Aslam Sahib	2005-2007
17	Janab	S.C. Mohammed Hussain Sahib, M.A.	2007-2011
18	Janab	T. Mohamed Mubeen Sahib, B.E., M.Sc.	2011-2019
		(Engineering), M.I.I.E.	
19	Janab	Mouda Ahmed Basha Sahib, B.Com.	2019-

GENERAL SECRETARIES

1	Janab	Malayalam Ameenuddin Sahib	1902-1905
2	Janab	Yakub Hasan Sait Sahib	1905-1913
3	Janab	Nawab Ghulam Ahmed Sahib Kalami	1913-1917
4	Janab	T. Hajee Badrudin Sahib	1917-1925
5	Janab	Padyari Abdul Shukoor Sahib	1925-1930
6	Janab	P.R.Abdul Hameed Sahib	1930-1935
7	Janab	Kaniyambadi Abdul Wahab Sahib	1935-1941
8	Janab	Malang Ahmed Badsha Sahib, B.A.	1941-1944
9	Janab	C.L. Hajee Abdul Subhan Sahib	1944-1948

10	Janab	T.K. Mohamed Zackriah Sahib	1948-1955
11	Janab	Naivasal Mohamed Hussain Sahib	1955-1958
12	Janab	M.L.Hajee Abdul Jabbar Sahib	1958-1967
13	Janab	M. Nazeer Ahmed Sahib	1967-1981
14	Janab	Kaka Md. Zubair Sahib	1981-1984
15	Janab	T.K. Hajee Md.Shameem Sahib	1984-1989
16	Janab	Kaka Md. Zubair Sahib	1989-2000
17	Janab	Mandi Md. Farooq Sahib, B.A.	2000-2008
18	Janab	Takadi Aarif Akthar Sahib, B.Sc.	2008-2011
19	Janab	C. Khaiser Ahmed Sahib, B.Sc.	2011-2013
20	Janab	Dr. Anwarullah Hajee Sahib, M.B.B.S.	2013-2016
21	Janab	C. Khaiser Ahmed Sahib, B.Sc.	2016-2019
22	Janab	Ghani Mohammed Azhar Sahib, B.Sc.	2019-2023
23	Janab	Pudupet Abdullah Basha Sahib, B.Com.	2023-
	SEC	CRETARIES TO THE COLLEGE COMMITTEE	
1	Janab	Malang Ahmed Badsha Sahib, B.A.	1920-1941
2	Janab	P.R. Md. Fazlullah Sahib, B.A.,B.L.	1941-1947
3	Janab	N.M. Anwar Sahib, M.A.	1947-1951
4	Janab	S.Abdul Azeez Badsha Sahib	1951-1952
5	Janab	M.L. Hajee Abdul Jabbar Sahib	1952-1955
6	Janab	T.K.Hajee Abdul Rasheed Sahib	1955-1967

CORRESPONDENTS

1967-1969

1969-1974

Naivasal Md. Husssain Sahib

A. Nazeer Ahmed Sahib, B.Com.

Janab

Janab

7

8

1	Janab	Yakub Hasan Sait Sahib	1905-1917
2	Janab	Malang Ahmed Badsha Sahib, B.A.	1917-1941
3	Janab	P.R. Md. Fazlullah Sahib, B.A.,B.L.	1941-1947
4	Janab	Naivasal Md. Hussain Sahib	1947-1955
5	Janab	M.L. Hajee Abdul Jabbar Sahib	1955-1958
6	Janab	C.S. Hajee Abdul Majeed Sahib	1958-1969
7	Janab	Dr. G. Hajee Abdul Shukoor Sb., M.B.B.S.	1969-1974

SECRETARY AND CORRESPONDENTS

1	Janab	A. Nazeer Ahmed Sahib, B.Com.	1974-1979
2	Janab	K.Md. Umair Sahib	1979-1981
3	Janab	V.P. Naimur Rahman Sahib, B.Sc.	1981-1984
4	Janab	Kaka Md. Zubair Sahib	1984-1989
5	Janab	S.C. Mohammed Hussain Sb, M.A.	1989-1996
6	Janab	Malang Aslam Basha Sahib, B.Com.	1996-2005
7	Janab	C. Khaiser Ahmed Sahib, B.Sc.	2005-2011
8	Janab	Ghani Md. Jaweed Sahib, B.Sc.	2011-2013
9	Janab	L.M. Muneer Ahmed Sahib, B.Sc.	2013-2016
10	Janab	Dr. Anwarullah Hajee Sahib, M.B.B.S.	2016-2019
11	Janab	L.M. Muneer Ahmed Sahib, B.Sc.	2019-

PRINCIPALS

1	Mr.	S. Qadir Mohammed Nainar, B.A.,(Hons.)	1919-1920
2	Mr.	Ghulam Dastagir, B.A., L.T.	1920-1923
3	Mr.	Md. Abdul Ali, B.A., L.T.	1923-1924
4	Mr.	R. Souriraj Iyengar, B.A., L.T.	1924-1925
5	Mr.	T. Swaminathan Iyer, M.A.	1925-1926
6	Mr.	K. Ramaswamy Gounder, M.A., L.T.	1926-1927
7	Mr.	Hajee Ahmed Ali, M.A., L.T.	1927-1941
8	Mr.	Hajee Syed Abdul Wahab Bukhari, M.A., L.T.	1941-1944
9	Mr.	Hajee Ahmed Ali, M.A., L.T.	1944-1947
10	Mr.	D.T.Subramaniyan, M.A.	1947-1948
11	Mr.	S. Abdul Qadir, M.A.	1948-1958
12	Mr.	V. Sivaramakrishnan, M.A.	1958-1959
13	Dr.	M. Abdul Rahim, M.A., B.T., Ph.D.	1959-1962
14	Mr.	K. Sitaraman, B.A. (Hons.)	1962-1967
15	Mr.	N. Md.Zubair, M.A., B.L.	1967-1970
16	Mr.	Syed Yakub, M.A., L.T.	1970-1971
17	Mr.	Mirza Abdul Majid, M.A., L.L.B.	1971-1986
18	Mr.	A. Habibur Rahman, M.A., M.Phil.	1986-1996
19	Mr.	O.A. Shahul Hameed, M.Sc., M.Phil.	1996-1997

 Dr. N.Tahir Ahmed, M.A., B.Sc., Ph.D.
 Dr. Major Syed Shahabuddeen, M.A. (Hist.), M.A. (Pol.Sc.), B.Ed., M.Phil., Ph.D.
 Mr. P. Nasrullah Basha, M.Com., M.Phil.
 Dr. K. Prem Nazeer, M.Sc., M.Phil., Ph.D.
 Dr. T. Mohamed Ilyas, M.Com., M.B.A., M.Phil., Ph.D.
 2018-

MEMBERS OF THE ISLAMIAH COLLEGE COMMITTEE

1. Janab Mouda Ahmed Basha Sahib, B.Com.

President, V.M.E. Society

2. Janab Pudupet Abdullah Basha Sahib, B.Com.

General Secretary, V.M.E. Society

3. Janab L.M. Muneer Ahmed Sahib, B.Sc.

Secretary & Correspondent, Islamiah College (Autonomous)

4. Janab C. Khaiser Ahmed Sahib, B.Sc.

Secretary & Correspondent,

Islamiah Women's Arts and Science College

5. Janab Patel Md. Yousuf Sahib, B.Sc.

Vice President, V.M.E. Society

6. Janab Nari Mohamed Nayeem Sahib

Assistant Secretary, V.M.E. Society

7. Janab Hafiz Sajid Ahmed Sahib, M.Com.

Secretary & Correspondent, Islamiah Boys' Hr. Sec. School

8. Janab M. Rafeeq Ahmed Sahib, M.Com.

Secretary & Correspondent, Islamiah Girls' Hr. Sec. School

9. Janab Pookar Mohammed Mubeen Sahib

Secretary & Correspondent, Islamiah Primary School

10. Janab V. Jaweed Iqbal Sahib, B.Com.

Secretary & Correspondent, Islamiah I.T.I

11. Janab P. Ahmed Saleem Sahib

Secretary, Deeni Taleem Committee

- 12. Dr. Ikramullah G H Sahib, M.B.B.S., D.C.H.
- 13. Janab Kaka Md. Ibrahim Sahib, B.Com.

- 14. Janab K. Md. Ashfaq Sahib
- 15. Janab Chuna Md. Mudassir Sahib, B.A.
- 16. Dr. T. Mohamed Ilyas, Ph.D., Principal (Ex-Officio)

GOVERNING BODY

Chairman

Mr. Pudupet Abdullah Basha, B.Com.

General Secretary, V.M.E. Society

Management Members

Mr. C. Khaiser Ahmed, B.Sc.

Mr. L.M. Muneer Ahmed, B.Sc.

Mr. T. Md. Makeen, B.Sc.

Mr. Kaka Md. Ibrahim, B.Sc.

Teachers of the College

Dr. T. Afsar Basha

Dr. S. Shaik Khader Nawaz

Senior Administrative Officer

Mr. P. Siraj Ahmed

<u>Industrialist</u>

Mr. A.R. Ishthiyaq Ahmed

State Government Nominee

Joint Director of Collegiate Education

Vellore Region, Vellore

University Nominee

Dr. R. Vijayaragavan

Professor, Department of Mathematics

Thiruvalluvar University, Vellore

<u>Principal of the College – Member Secretary</u>

Dr. T. Mohamed Ilyas

MEMBERS OF THE ACADEMIC COUNCIL

1. The Principal (Chairman)

Dr. T. Mohamed Ilyas

2. All Heads of the Departments in the College

- Dr. U. Rizwan
- Dr. G. Shakil Muhammad
- Dr. S. Liyahath John
- Mr. P. Magizhan
- Dr. K. Anandaratchagan
- Dr. P. Sivaraji
- Dr. S. Shaik Khader Nawaz
- Mr. D. Abul Fazal
- Dr. H. Abdul Jaffar Ali
- Dr. A. Gokulakrishnan
- Mr. P. Tanveer Ahmed
- Mr. A. Mugthar Ahmed
- Dr. K. Mohamed Imran
- Dr. N. Abdul Latheef
- Mr. Y. Md. Ismail Khan

3. Four Teachers of the College from different categories

- Dr. A. Mohamed Ali
- Dr. T. Afsar Basha
- Dr. C. Mohamed Faheem
- Dr. G. Vengadakrishnan

4. Four experts from outside the College

- Dr. P. Manoharan, Additional Registrar
 - V.I.T. University, Chennai Campus, Chennai
- **Dr. Sait Shahul Hameed**, Co-Chairman, DBT, New Delhi Principal Investigator,
 - C. Abdul Hakeem College, Melvisharam
- Dr. S. Ismail Mohideen, Principal

Jamal Mohamed College, Tiruchirappalli

Dr. J. Srinivasan

Associate Professor of Commerce

Rajeswari Vedachalam Govt. Arts College, Chengalpattu

5. Three Nominees of the University

1. Dr. B. Kathiresan

Professor, Department of English Thiruvalluvar University, Vellore

2. Dr. M. Chitra

Professor & Head, Department of Mathematics Thiruvalluvar University, Vellore

3. Dr. G. Yoganandham

Professor & Head, Department of Economics Thiruvalluvar University, Vellore

6. Controller of Examinations

Mr. S. Mohammed Naseeruddeen

7. A faculty member nominated by the Principal (Member Secretary)

Dr. Syed Tahir Hussainy
Associate Professor of Mathematics

FINANCE COMMITTEE

1. Dr. T. Mohamed Ilyas, Principal (Chairman)

2. Mr. L.M. Muneer Ahmed, Secretary & Correspondent (Governing Body Nominee)

3. Dr. G. Shakil Muhammad

(Nominated by the Principal)

4. Mr. P. Siraj Ahmed

(Finance Officer)

5. Mr. G. Pari

(Chartered Accountant)

STANDING COMMITTEE TO GOVERNING BODY

Mr. L.M. Muneer Ahmed Sahib - Chairman

Mr. C. Khaiser Ahmed Sahib

Dr. T. Mohamed Ilyas

Dr. T. Afsar Basha

STANDING COMMITTEE TO ACADEMIC COUNCIL

Dr. Syed Tahir Hussainy - Member Secretary to Academic Council

Dr. T. Afsar Basha

Mr. D. Abul Fazal

EXTERNAL ACADEMIC AUDITORS

1. Dr. P.K. Manoharan

Former Registrar, Bharathiar University, Coimbatore Additional Registrar, VIT University, Chennai Campus

2. Dr. M. Valarmathi

Former Joint Director of Collegiate Education, Vellore Region

TEACHING STAFF (AIDED)

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DEPARTMENT OF TAMIL

Associate Professor

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DEPARTMENT OF URDU & ARABIC

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DEPARTMENT OF BUSINESS ADMINISTRATION

Assistant Professors

Dr. K. Mohamed Imran, M.Com, M.B.A., M.Phil., Ph.D.

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	5. Mr. Gopinath E, III B.A. History -	
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	1. Dr. T. Afsar Basha, Coordinator	
	2. Dr. B. Md. Nawaz	
Young Innovator	3. Dr. N. Nadeem Afroze	
Cell	4. Mr. B. Fuzail Ahmed	
	5. Mr. Sehbaan Ahmed H B, III B.Sc. Chemistry	
	Student Representative	
Data	1. Dr. Syed Tahir Hussainy, Coordinator	
Documentation	2. Dr. A. Khaleequzzaman	
Centre	3. Dr. M.A. Farook	
Incubation Centre/	1. Dr. S.U. Mohamed Riyaz, Coordinator	
L =	2 NA C Anad Basha	
Entrepreneurship	2. Mr. G. Azad Basha	
Development Cell	3. Mr. B. Fuzail Ahmed	

1. Dr. T. Mohamed Ilyas, Warden		
College Hostel	2. Mr. D. Abul Fazal, Deputy Warden	
Committee	3. Dr. S. Thameemul Ansari, Proctor	
	4. Dr. M. Mujibur Rahman	
	1. Dr. P.K. Mohamed Imran - DST/AISHE	
	2. Dr. Syed Tahir Hussainy - UGC	
Committee for	3. Dr. H. Abdul Jaffar Ali - DBT	
Special Schemes	4. Dr. M. Aboobucker Sithique - TANSCHE	
	5. Mr. D. Abul Fazal - Other Schemes	
Internal Auditor (Finance)	Dr. K. Mohamed Imran	
Internal Academic	1. Dr. K. Anandaratchagan	
Audit Committee	2. Dr. V. Mahmudul Hasan	
Committee for	1. Dr. M.A. Bilal Ahmed, Coordinator	
CAT Prog. (ICAI)	2. Mr. N. Md. Faiyaz Ahmed	
UGC Sponsored Certificate Course in e-Commerce & Footwear Technology	Mr. S. Aslam Basha, Coordinator	
	1. Dr. T. Mohamed Ilyas, Chief Editor	
	2. Dr. P.K. Mohamed Imran, Associate Editor	
Research Journal	3. Dr. S. Thameemul Ansari	
Committee	4. Dr. H. Abdul Jaffar Ali	
Committee	5. Dr. S. Balakrishnan	
	6. Dr. Mohammed Osman Pasha	
	7. Dr. S.U. Mohamed Riyaz	
	1. Mr. K. Nazar Husen, Coordinator	
Literary Club and	2. Mr. B. Akbar Aalam	
Philately Club	3. Mr. M. Syed Shameel	
Timatery erab	4. Mr. Jakeerhussain K, II B.Com. (F & A) -	
	Student Representative	
	1. Dr. A. Sowkath, Coordinator	
Disability	2. Dr. Zahiruddeen	
Resource Centre	3. Dr. V. Valeeullah	
Committee	4. Mr. Surya S, III B.Sc. Chemistry -	
	Student Representative	

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	1. Dr. S. Liyahath John, Coordinator	
Committee for ICT Academy	2. Dr. D.S.A. Mehboob	
	3. Dr. Mohammed Osman Pasha	
	4. Dr. S.N. Mohamed Assarudeen	
	5. Dr. M. Sayeeduddeen	
	6. Mr. Faizan Ahmed K, III B.Com. (F & A) -	
	Student Representative	
	1. Dr. N. Nadeem Afroze, Nodal Officer	
	2. Mr. S. Mohammed Naseeruddeen	
Committee for	3. Mr. A.A. Khadar Maideen	
Online Courses	4. Mr. A. Muqthar Ahmed	
(ICLMS)	5. Dr. M.P. Ashar Waheed	
(1.02.11.0)	6. Dr. S. Balakrishnan	
	7. Dr. N. Abdul Latheef	
	8. Mr. S. Md. Nawaz Basha	
	1. Mr. D. Abul Fazal, Coordinator	
	2. Dr. C. Md. Faheem	
Legal Club	3. Dr. K. Mohamed Imran	
	4. Mr. Sathiyamoorthi G, III B.A. History -	
	Student Representative	
IPR Cell	1. Dr. H. Abdul Jafar Ali, Coordinator	
IPK Cell	2. Dr. N. Nadeem Afroze	
Student Feedback	1. Dr. U. Rizwan, Coordinator	
Analysis	2. Dr. T. Mohammed Sayeed	
Committee	3. Mr. E. Mohammed Imran	
Committee	4. Dr. G. Harigaran	
	1. Mr. D. Abul Fazal, Coordinator	
Electoral Literacy	2. Dr. M.K. Thirupathy	
Club	3. Mr. Sandeep E, III B.A. History -	
	Student Representative	
SC/ST/OBC	1. Dr. A. Gokulakrishnan, Coordinator	
Welfare	2. Dr. K. Murugan	
Committee	3. Dr. M.K. Thirupathy	
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Sexual Harassment Prevention	1. Dr. A. Nazim Ahmed, Coordinator	
Committee	2. Dr. G. Vengadakrishnan	
Covid-19 Containment	Dr. N. Shabeer Ahmed	
Nodal Officer	Dr. N. Snabeer Anmed	
	1. Dr. S.U. Mohamed Riyaz (SPOC)	
	2. Dr. B. Akbar Aalam	
Tamail Na dec	3. Dr. C. Md. Faheem	
Tamil Nadu	4. Mr. V.K. Tanseer Shadab	
Government Naan Mudhalvan	5. Dr. V.J. Sudhakar	
	6. Mr. K.J. Haris	
Scheme /	7. Dr. S. Jafar Sathik	
Skill Development	8. Dr. A. Gokulakrishnan	
Committee	9. Mr. S. Md. Nawaz Basha	
Committee	10. Mr. M. Syed Shameel	
	11. Dr. T. Mohamed Sayeed	
	12. Mr. N. Md. Thanveer	
	1. Dr. M.A. Farook, Coordinator	
Yuva Tourism	2. Dr. K. Murugan	
Club	3. Mr. Chandrakumar T, III B.Sc. Bio-	
	Technology - Student Representative	

LIST OF FACULTIES WHO ARE THE RECOGNISED GUIDES FOR Ph.D. PROGRAMME OF THIRUVALLUVAR UNIVERSITY, VELLORE (RESEARCH DEVELOPMENT COUNCIL)

S.No.	Name of the Research Guide	Subject
1	Dr. U. Rizwan	Mathematics
2	Dr. A. Mohamed Ali	"
3	Dr. S. Soundararajan	"
4	Dr. R. Srinivasan	"
5	Dr. P. Govindaraju	11
6	Dr. Syed Tahir Hussainy	11
7	Dr. Zahiruddeen	11
8	Dr. S. Balakrishnan	"
9	Dr. V.J. Sudhakar	11
10	Dr. S.N. Mohamed Assarudeen	11
11	Dr. G. Shakil Muhammad	Physics
12	Dr. Major J. Asghar	11
13	Dr. J. Mohemed Ali	11
14	Dr. P.K. Mohamed Imran	Chemistry
15	Dr. B. Mohamed Nawaz	"
16	Dr. M. Aboobucker Sithique	11
17	Dr. A. Nazim Ahmed	11
18	Dr. S. Jafar Sathik	11
19	Dr. N. Nadeem Afroze	11
20	Dr. H. Abdul Jaffar Ali	Biotechnology
21	Dr. M.A. Farook	11
22	Dr. S.U. Mohamed Riyaz	11

S.No.	Name of the Research Guide	Subject
23	Dr. N.P.M. Mohamed Tariq	Botany
24	Dr. A. Gokulakrishnan	Biochemistry
25	Dr. M.P. Ashar Waheed	"
26	Dr. T. Mohamed Ilyas	Commerce
27	Dr. T. Afsar Basha	"
28	Dr. V. Valeeullah	"
29	Dr. V. Mahmudul Hasan	"
30	Dr. G. Azad Basha	"
31	Dr. D.S.A. Mahaboob	"
32	Dr. S. Thameemul Ansari	"
33	Dr. K. Murugan	History
34	Dr. Mohammad Osman Pasha	"
35	Dr. P. Sivaraji	Tamil
36	Dr. M. Mujibur Rahman	"
37	Dr. G. Vengadakrishnan	"
38	Dr. S. Abdullah Shah	English
39	Dr. M. Sayeeduddeen	Urdu

AIMS OF UNIVERSITY EDUCATION

To seek and cultivate new knowledge, to engage vigorously and fearlessly in the pursuit of truth and interpret old knowledge and beliefs in the light of new needs and discoveries.

To provide the right kind of leadership in all walks of life, to identify gifted youth and help them develop their potential to the full by cultivating physical fitness, developing the powers of the mind and cultivating right interest, attitudes and moral intellectual values.

To provide society with competent men and women trained in agriculture, arts, sense of social purpose. medicine, science and technology and various other professions, who will also be cultivated individuals imbued with a sense of social purpose.

To strive to promote equality and social justice and to reduce social and cultural differences through diffusion of education and

To foster in the teachers and students and through them in society generally, the attitude and values needed for developing 'good life' in individuals and society. They should assist the college in their attempt of qualitative self-improvement.

Education should enable young men and women to learn and practice civilized form of behaviour and to commit themselves to special values of significance.

The whole university life should be treated as one and polarization between teachers, students and administration should be avoided.

COURSES OFFERED

UNDER GRADUATE PROGRAMS (Aided)

6 semesters – 3 years
UNDER CHOICE BASED CREDIT SYSTEM

For All UG Programmes: Language offered under

Part I- Tamil / Urdu / Arabic / Hindi Part II- English

B.A. PROGRAMME

1. History

B.Sc. PROGRAMME

- 1. Mathematics
- 2. Physics
- 3. Chemistry
- 4. Biochemistry
- Biotechnology
- 6. Computer Science

B.Com. PROGRAMME

- 1. Commerce
- 2. Finance and Accounts
- 3. Computer Applications

B.B.A. PROGRAMME

1. Business Administration

POST GRADUATE PROGRAMS (Aided)

4 semesters – 2 years UNDER CHOICE BASED CREDIT SYSTEM

- 1. M.A. History
- 2. M.Sc. Mathematics
- 3. M.Sc. Chemistry
- 4. M.Com

UNDER GRADUATE PROGRAMS (Self Finance)

6 semesters – 3 years

UNDER CHOICE BASED CREDIT SYSTEM

B.Sc. PROGRAMME

- 1. Computer Science
- 2. Data Science

B.Com. PROGRAMME

B.Com (General)

B.A. PROGRAMME

1. English Literature

B.C.A PROGRAMME

1. B.C.A.

POST GRADUATE PROGRAMS (Self Finance)

4 semesters – 2 years

UNDER CHOICE BASED CREDIT SYSTEM

- 1. M.A. English Literature
- 2. M.Sc. Physics
- 3. M.Sc. Biochemistry
- M.Sc. Biotechnology

RESEARCH PROGRAMS (Self Finance)

UNDER CHOICE BASED CREDIT SYSTEM

- 1. Ph.D. Tamil (Part-time only)
- 2. Ph.D. History (Part-time/ Part-time)
- 3. Ph.D. Commerce (Part-time/ Part-time)
- 4. Ph.D. Mathematics (Full-time/ Part-time)
- 5. Ph.D. Chemistry (Full-time/ Part-time)
- 6. Ph.D. Physics (Full-time/ Part-time)
- 7. Ph.D. Biotechnology (Full-time/ Part-time)
- 8. Ph.D. Biochemistry (Full-time/ Part-time)
- 9. Ph.D. Urdu (Part-time only)
- 10. Ph.D. English (Part-time only)

SKILL DEVELOPING VALUE ADDED / CERTIFICATE COURSES

S.No.	Courses Offered	Department
1	UGC Sponsored Certificate Course in 'E-Commerce & Footwear Technology'	Department of Commerce
2	Certificate Course in 'Accounting Technician' offered by ICAI	Department of Commerce (F&A)
3	Certificate Course in 'Arabic' offered by NCPUL	Department of Urdu & Arabic
4	Certificate Course in 'Tourism & Travel Management'	Department of History
5	Certificate Course in 'Spoken English'	Department of English
6	Certificate Course in 'Bio-Statistics-I'	Department of Mathematics
7	Certificate Course in 'Basic Electronics and Servicing of Home Appliances'	Department of Physics
8	Certificate Course in 'Preparation of Domestic Products'	Department of Chemistry
9	Certificate Course in 'Testing and Analysis of Industrial Products'	Department of Chemistry
10	Certificate Course on 'Herbal Medicines'	Department of Biotechnology
11	Hands on Training in 'Mushroom Cultivation'	Department of Biochemistry
12	Certificate Course in 'Web Designing'	Department of Computer Science
13	Certificate Course in 'Stress Management Skills'	Department of Business Administration
14	Certificate Course in 'Business Computer Applications'	Department of Commerce
15	Certificate Course in 'Online Trading of Securities'	Department of Commerce (CA)
16	Certificate Course in English for Budding Entrepreneur	Department of English
17	Certificate Course in Ornamental Fish Culture	Department of Biotechnology

	Certificate Course in Domestic & Lab	
18	Discharge Water Treatment Method	Department of Chemistry
	& Process	
19	Certificate Course in PC Assembling	Department of Computer Sc.
19	& Maintenance	Department of Computer Sc.
20	Certificate Course in Network	Department of Computer Co
	Administration	Department of Computer Sc.

COLLEGE FEES

(A) Two terms a year at the following rates per term

Course	Tuition	Special	Lab. Fee
	Fee (₹)	(₹)	(₹)
B.A. History	=	600	
B.B.A., B.Com. (F & A)	-	600	
B.Com. (C.A), B.Com.	-	600	1000
B.Sc. Mathematics	-	600	300
B.Sc. Physics	-	600	1000
B.Sc. Chemistry	-	600	1200
B.Sc. Biotechnology	-	600	3000
B.Sc. Biochemistry	-	600	1500
B.Sc. Computer Science	-	600	2700
M.A. History	250	750	
M.Sc. Mathematics & M.Com.	375	750	
M.Sc. Chemistry	375	750	3000

(B) At the time of admission:

	B.A. B.B.A.	B.Sc. Maths	B.Sc. P/C/	B.Sc. Comp.	M.A. M.Com.	M.Sc. M/C	M.Phil.
	B.Com.		BT/BC	Sc.		•	
	₹	₹	₹	₹	₹	₹	₹
Admission	25	25	25	25	25	25	25
M.I. Fee	30	30	30	30	30	30	30
Caution Deposit	200@	-	200	400	-	400	200
University Fees	750/	750/	750/	750/	600/	600/	1100
	950#	950#	950#	950#	1100#	1100#	
Mark Statement Verification Fee	50	50	50	50	-	-	-

[@] for B.Com. & B.Com. (C.A) courses only

[#] for students who have studied in other than Thiruvalluvar University / State Board

(C) Once a year - First term only for all Students:

• • • • • • • • • • • • • • • • • • • •		
Student's Aid Fund	20	
Calendar	100	
Magazine	150	
Library		
for UG	300	
for PG	500	
Computer Lab./Maintenance Fee	1000+	
Student's Group Insurance	50	
Red Cross Society	20	
Flag Day	5	
Corpus Fund – NSS	15	
•		<u>-</u>

[★] for other than Computer Science students who have selected Computer Application as paper / course of study.

COLLEGE RULES

- At the time of admission the fee for the first term of the course concerned shall be paid. Subsequently fees must be paid without fail not later than 5 working days of every term.
- If a student fails to pay his fee on the day fixed for the payment he shall pay a fine of ₹ 1/- for each working day the payment is delayed.
- If he fails to pay his fee upto 15 working days of each term, he shall have
 his name removed from the rolls. If re-admitted, he shall in addition to
 the fee and fines due from him, pay a re-admission fee of ₹ 25/- and lose
 attendance for the period for which his name was removed from the
 rolls.
- Fee once paid will not be refunded on any account.
- Students are advised to retain their fee receipt with them till the completion of the course, and should be produced if required.
- The College authorities reserve to themselves the right to increase the Special and other fee if they consider it necessary to do so.
- The fee to be paid by every student will be notified both in Prospectus and the Calendar of the year concerned.
- If a student leaves the college at the beginning of the year or later during the course, he will have to pay the fee due for the course as per rules before his transfer and other certificates are issued to him.

• The College authorities reserve to themselves the right to cancel the admission of a student without returning the fee (1) if there is any discrepancy between the certificates produced and entries in the form of application for admission (2) if any suppression of fact is discovered later on, and to issue the Transfer Certificate during the period of his study if his behaviour is not conducive to the smooth working of the institution (3) if he does not agree to the nomination of the Office-bearers of the College Union and Secretaries of Subject Association by the Principal.

ATTENDANCE AND LEAVE RULES

- It shall be the duty of each student to attend the college regularly and punctually on all days and go through the programmed course satisfactorily.
- The teacher records attendance every hour. It is obligatory on the part of the students to attend all the hours prescribed for the day.
- A minimum of 75% attendance is necessary for Theory examinations in each semester to appear for the End Semester Examinations (ESE).
- Students will be permitted to appear for Practical examinations only if they have attended 75% of the practical classes.
- Students who have attendance below 75% in Theory and Practical are to adhere the following regulations:
 - a) Students who have an attendance of more than 65% but less than 75% are eligible to appear for the E.S.E on condonation by the Principal by paying a Condonation Fee of ₹ 600/-
 - b) Students who have attendance of more than 55% but less than 65% are detained for that particular semester. They will be permitted to write the exams in the consequent Semester by paying a Condonation Fee of ₹ 600/- and also by paying the prescribed Tuition Fee / Lab. Fee.
 - c) Students who have an attendance of less than 55% are detained and they shall REDO the semester after completion of the programmed course after getting re-admission that too at the sole discretion of the Principal. However, readmission will be allowed only once during the duration of the course.
 - d) Those who are asked to redo the course can continue their studies without break, but redo that particular semester after completing the course by attending the special classes arranged by HOD concerned.
- No student shall be absent from the college without applying for leave.

- In extraordinary cases students shall apply for leave as early as possible and report to the members of the staff concerned immediately on their return to the college.
- Leave for more than two days on grounds of illness will be granted if the application for leave is accompanied by medical certificate.
- No leave will ordinarily be granted for days prefixed or suffixed to holidays, vacations etc.
- If a student absents himself for an hour in a forenoon session, he shall lose attendance for that session. Similarly for afternoon session.
- If a student absents himself without leave for 5 consecutive days his name may be removed from the roll.
- The Principal shall be loco parentis to the students of the college. It shall
 be open to him to adopt any procedure he thinks fit to punish the
 students by taking any disciplinary action including expulsion from the
 college for breach of discipline. The procedure and the nature of the
 punishment shall not be questioned either by the student or by the
 parent.

DISCIPLINE AND BEHAVIOUR

- Students shall wear clean, decent and respectable dress.
- No student will be permitted to enter the campus without the ID Card.
- Students shall not loiter in the verandahs. Gathering in groups and making noise in the college premises are strictly forbidden. While moving from one class to another they shall not create any disturbance or make any noise.
- If for any reason there is no class, students shall go to reading room.
- No student shall leave the college premises during college hours without the permission of the Principal.
- Every student shall greet the members of the staff whenever he meets them.
- When a member of the staff enters the classroom or leaves it, students shall rise and remain standing till he takes his seat or leaves the room.
- No student shall leave the classroom without the permission or till teacher has left the room.
- Students shall co-operate with the authorities in keeping the premises
 of the college clean and tidy. They are forbidden from smoking anywhere
 in the college premises, scribing on the wall, scratching and thumping
 the desks and throwing the litter in the college premises, disfiguring the
 walls, furniture, garden, etc., are strictly prohibited. Students are
 forbidden from displacing or interfering in any way with the

arrangement of the furniture of the college. Any damage done to the furniture will be charged for and the students concerned severely punished. If the offender is not traceable, a collective fine will be imposed.

- Lunch shall be taken at the Dining Hall only.
- Students are strictly forbidden from entering the office room. They will transact all business across the counter.
- Students shall not organize or attend any meeting in the college or collect money for any purpose without the pervious permission of the Principal.
- No student shall be a member of any association not connected with the college without the previous permission of the Principal. He shall not take part in any anti-social and subversive activity. A student contravening this rule is liable to be punished with cancellation of scholarships, fee concessions etc., granted to him, or is liable to be removed out from the college summarily. It will also be open to the Principal to issue the Transfer Certificate at any time during the academic year and the onus would be on the student concerned to secure admission in any other college or the principal may refuse to issue him conduct or progress certificate without assigning any reasons whatsoever. Further, the Principal may also expel a student for any of the following reasons:
- For action on the part of the student which directly or indirectly affects the dignity of the institution.
- Gross breach of the discipline.
- For any other valid reason.
- The Principal may at his discretion require a student who does not show
 adequate progress in studies or who is irregular in attendance or whose
 behaviour is not conducive to the smooth working of the institution, to
 remove from the College and issue him the Transfer Certificate.
- Students should cultivate a sense of dignity, responsibility and order.
 They should learn to think straight and appreciate the good and the
 beautiful. In general, the students are expected to conduct themselves
 in and outside the College as gentlemen and maintain the honour and
 dignity of the academic community to which they belong.
- Students should avoid doing anything by word or deed that may disturb
 the working of, or the unity and harmony of life both in College.
 Therefore, they shall never bank themselves as a body to petition their
 demands but shall INDIVIDUALLY approach the authorities. Therefore,
 cliques and party groups will be severely dealt with even to the point of
 expulsion.

RAGGING

As per the University Grants Commission's letter No. F.8-1/99 (PP-II) dated 13.01.2000, ragging may include: Display of noisy, disorderly conduct, teasing incitement by rough or rude treatment or handling, indulging in rowdyism, undisciplined activities which cause or likely to cause annoyance, undue hardship, physical or psychological harm or raise apprehension or fear in a fresher or asking the students to do any act or perform something which a student will not do in the ordinary course and which causes him shame or embarrassment or danger to his life.

- **G.O. on Ragging:** The Government of Tamil Nadu has prohibited ragging within or outside any educational institutions by passing a Government Order "Tamil Nadu Prohibition of Ragging Act 1997" vide their Order No. 7 of 1997 dt. 14.02.1997 which says that whoever directly or indirectly participated or propagates "ragging" will be punished as follows:
- Imprisonment upto a term of two years
- ii) A fine of ₹ 10,000/-
- iii) Students convicted of the offence will be dismissed from the institution and will not be admitted in any other institution.

As per G.O., any student found guilty of ragging and or abetting ragging shall be expelled from the institution.

National Anti-Ragging Helpline 1800-180-5522 (24x7 Toll free) email: helpline@antigagging.in

WORKING DAYS

The College works on all days except Saturdays, Sundays and holidays declared by the institution. If necessary, classes may be held on some of these days also.

EXAMINATIONS AND TESTS

Examinations for all classes are held periodically. Further, Tests in all subjects are held from time to time. Attendance in these Tests and Examinations is compulsory.

Progress cards containing the marks secured in the Tests and Examinations are sent to the parents or guardians.

PUNISHMENT FOR MALPRACTICE DURING EXAMINATIONS

Punishment for malpractice during examinations will be as per the guidelines issued by Tamil Nadu State Council for Higher Education (TANSCHE).

PROMOTION AND SELECTION

All students are required to take Tests and Examinations. No student admitted to College is automatically eligible for promotion and selection. Besides student's attendance, his progress in studies and conduct as assessed by the staff and the Principal will be the only consideration for promotion to the next class or selection for the university examinations. The Principal may, at his discretion expel a student from the college who does not show adequate progress in studies or who is irregular in attendance or whose conduct is not satisfactory.

The annual certificate of the progress and the attendance will not be forwarded to the University for admission to the University / Autonomous examinations unless (1) the Principal is satisfied with regard to student's progress and conduct and (2) the student has attended the number of working days required by the University.

COLLEGE FEE CONCESSION AND SCHOLARSHIP

Fee Concession:

The students belonging to the Most Backward Classes and Denotified Communities studying in Aided Courses are provided free education by the State Government irrespective of the annual income of their parents/guardians.

Studying in both Aided and Self Financing students belonging to the Scheduled Castes and Scheduled Tribe communities should pay only the special fees. Those belonging to Backward Classes should pay full fees on joining the college and could claim refund if concession is sanctioned on the production in time of the income and other necessary certificates. The income certificate should be signed by an officer of the Revenue Department not below the rank of a Deputy Tahsildar.

Scholarship and other fee concession will be based on the good conduct, behaviour, progress in studies and regularity in class tests and examinations as certified by the Principal on the reports of the Heads of Departments concerned.

LIBRARY

- The Library works on all working days from 9.00 am to 5.00 pm.
- The Library works on the Open Access System.
- A degree student may take three books at a time.

- No students shall keep a book for more than a fortnight. If the due date happens to be a holiday, the book shall be returned on the next working day.
- After a fortnight from the date of issue, a book may be re-issued to the same student only if there is no other applicant for it.
- Reference books are for consultation only and they shall not be issued under any circumstance.
- Absence from the college shall not be an excuse for delay in returning the books.
- The librarian may recall a book at any time even before the due date.
- Library books shall be handled with great care; students damaging the library books in any form will be severely dealt with.
- The attention of the librarian must be drawn by the borrower to damages, if any found in a book at the time of issue, otherwise, the borrower shall be held responsible for the damage found in the book when it is returned.
- A borrower shall replace any book lost by him or pay such compensation as decided by the principal.
- A fine of ₹ 1/- shall be paid for each day if a book is detained after the due date. The borrower shall not use the library till the book is returned and the fine is paid.
- Sub-lending of books is strictly prohibited.
- Strict silence shall be maintained in the library.
- The librarian may, for purpose of cataloging or for other reason, recall a book at any time even before the due date and may re-issue it to the same borrower after the purpose is over.
- Any book in great demand may be lent for a shorter period.
- Student losing the borrower's ticket shall make a written report to the librarian immediately. A period of one month will be allowed to trace and produce the ticket lost, If even after this period the ticket is not traced, an undertaking in writing shall be given to the effect that the student shall hold himself responsible for any unauthorized borrowing against the ticket lost. Duplicate ticket will be issued on payment of ₹5/-

BOOK BANK

Standard text-books will be issued to poor and deserving students from the Book Bank on the recommendation of the professor concerned for a period of one month. Further, extension could be considered afresh on returning the books subject to the demand and availability of the book.

READING ROOM

- Reading Room will remain open on all working days from 9.30 a.m. to 5.00 p.m.
- No student shall take any book or note-book into the Reading Room.
- Strict silence shall be maintained in the Reading Room.
- Magazines etc. kept in the Reading Room shall not be removed by readers.
- No current periodical, magazine, etc., will be lent. Back numbers will be issued by the Librarian with necessary entries made in a separate register maintained for that purpose.
- Magazines, periodicals, etc. shall not be marked or disfigured in any manner, nor shall leaves be torn or removed.

UNION AND SUBJECT ASSOCIATIONS

The Office-bearer of the College Union and the Secretaries of the Subject Associations shall be nominated by the Principal on merit cum good conduct basis.

The College Union and the affiliate Associations are mainly intended to afford opportunities to students to train themselves in public speaking, to enable them to participate with credit in the numerous inter-class and intercollegiate competitions and to prepare and present learned papers on specific subjects. All these activities will be permitted and the accounts and photos relating to these activities will be published only if the College functions normally and peacefully during the academic year.

The Principal will be ex-officio President of the Union and the other Associations. Heads of the Departments will be nominated Vice-Presidents for the same.

ISLAMIAH COLLEGE ALUMNI ASSOCIATION

To establish a continuous and meaningful relationship between the College and its alumni, Islamiah College Alumni Association was revived during the academic year 2001-2002. It provided an opportunity to the old boys of the College to contribute liberally in the development of their Alma Mater. Old boys, who have not yet joined this Association, are requested to enroll themselves immediately.

Patron Membership fee is ₹ 10,000/- and Life Membership fee is ₹ 2,000/- (One-time subscription).

The ordinary member has to pay an annual subscription of ₹ 200/- only. The Demand Draft may be obtained towards the subscription in favour of "Islamiah College Alumni Association" and sent to the Principal, Islamiah College, Vaniyambadi.

DIGNITARIES TO BE INVITED TO THE COLLEGE

Educationists, Scholars, Government officials and Ministers alone can be invited under the auspices of the College Union and Subject Associations and for the other related functions of the College.

PROFICIENCY PRIZES

Prizes are awarded every year to the two best students in each degree class for proficiency in studies. Only those students whose attendance, progress and conduct have been uniformly satisfactory shall be eligible for the award of the prizes.

D.T. SUBRAMANIAN MEDAL

It is awarded every year for proficiency in Economics to a final year student of Economics. Only those students whose attendance, progress and conduct have been uniformly good shall be eligible for the award of this Medal.

PROF T.V. SRIVANASAN SILVER CUP

It is awarded every year on the College Day for proficiency in History to a final year Post Graduate student of the College whose attendance, progress and conduct have been uniformly good and who secures the highest marks in the University/Autonomous Examinations.

DR. ROHINI BELLIAPA'S PRIZE

This prize is awarded every year for proficiency in curricular and extracurricular activities to a final year Under Graduate/Post-Graduate student passing out of the College who is adjudged the best for his all-round performance both in studies and sports and whose attendance and conduct have been uniformly good.

K.P. SRINIVASA RAGHAVAN MEDAL

It is awarded each year to a student of the college who passes the B.Com. Degree Examination with the highest total marks, having passed each paper in the very first attempt and whose attendance, progress, and conduct have been uniformly good.

PROF. K. SITARAMAN CASH PRIZE

This cash prize was instituted during 2001-2002. It is awarded every year to the student as cash prize who secures highest marks in part II English (B.A. and B.Sc.) in the University Examinations.

MRS. RENUKA DEVI MEMORIAL PRIZES

This cash prize was instituted during 1999-2000 by Mr. K. Ilamperuvazhuthi, Retired Professor of Tamil of our College. It is awarded every year to the student as cash prize who secure the highest mark in Part I Tamil (I year and II year students who pass in first attempt)

PROF. S. GOVINDASAMY CASH PRIZES

This cash prize was instituted by Dr. S. Akbar Kouser during the year 1997-98. It is awarded each year to a student of the College who passes the B.Sc. Biochemistry Degree Examination with the highest total marks, having passed Peach paper in the very first attempt and whose attendance, progress, and conduct have been uniformly good.

JANAB KAKA MOHAMED UMER SAHIB MEMORIAL PRIZE

This prize is given in the form of study books and was instituted by Janab Kaka Md. Zubair Sahib, during 2000-2001. It is awarded each year to a student of the College who passes the M.Sc. Biochemistry degree Examination with the highest total marks, having passed each paper in the very first attempt and whose attendance, progress, and conduct have been uniformly good.

MR. EKAMBARAM MURUGESAN ROLLING CUP

This Rolling Cup was instituted by Dr. E. Padmini during 2000-2001. It is awarded each year to a student of the College who passes the M.Sc. Biochemistry Degree Examination with the highest total marks, having passed each paper in the very first attempt and whose attendance, progress, and conduct have been uniformly good.

ISSUE OF CERTIFICATES

RULES

Certificates and other documents submitted to the college at the time of admission of a student will be returned to him only when he leaves the college.

The following certificates will be issued to the students on application and payment of fees noted against each. Application for sending certificates

by post must be accompanied by necessary stamps for postage and registration and the required fees.

- Transfer Certificates: No fee if the request for issue is made immediately
 after the final examination. A fee of ₹ 100/- per year will be collected if
 the request comes after three months of the final year of study. i.e.; after
 September.
- Duplicate of any certificate especially the Transfer Certificate will not be issued, without a letter attested by a Gazetted Officer or any responsible gentleman to the effect that the original certificate issued by the College is irretrievably lost. A fee of ₹ 500/- will be charged in cases of all such applications but the issue of duplicate certificate will be at the sole discretion of the Principal.
- All applications for the certificates shall contain the following particulars:

 (1) Name (2) Date of joining the College (3) Class and Register Number
 (4) Language under Foundation Course (5) Main Subject (6) Date of leaving (7) Purpose of Getting Certificate (8) Any special particular to be mentioned in the certificates such as distinctions in examination, games, extra-curricular activities etc., (9) Fee remitted and (10) signature and address of the applicant with date.

GAMES AND ATHLETICS CLUB

Football
 Hockey
 Cricket
 Volleyball
 Basketball
 Baseball
 Badminton
 Tennis
 Table Tennis

Every student is required to participate in one or other of the games. All the First Year Degree students are required to undergo a course of physical training prescribed by the College and their sessional and progress certificates will not be considered complete unless the Principal certifies, on the report of the Physical Director, that the student has undergone the prescribed course in physical training and put in three-fourths of the attendance in addition to the usual course of instruction. The minimum number of days to be provided for physical training per year will be 40. No student shall be exempted from the course of physical training unless exemptions should be approved by the University. Applications for such exemptions should be made to the University through the Principal during the first term itself. In case where such disability occurs later, the reports should be made immediately thereafter.

An Annual Athletic Meet is conducted by the College and prizes and certificates are awarded for proficiency in games and sports in the Sports Day Celebrations.

CUPS AND SHIELDS

1. Dr. D. K. Rohini's Cup

This Rolling Cup was instituted in 1948. It is awarded every year to the class which wins the Inter-class Badminton Tournament.

2. Dr. M. Abdullah's Shield

This Rolling Shield was instituted in 1948. It is awarded every year to the class which wins the Inter-class Football Tournament.

3. Janab T.K. Md. Zackriah Sahib's Cup

This Rolling Cup was instituted in 1955. It is awarded every year to the College Athletic Team which scores the highest number of points in the Annual Sports Meet.

4. The United Sports Works Shield

This Rolling Shield was instituted in 1955. It is awarded every year to the class which scores the highest number of points in the annual Inter-class Tournament.

5. Mr. Mahboob Ali Khan's Shield

This Rolling Shield was instituted in 1961. It is awarded to the class which wins the Inter-class Volleyball Tournament every year.

6. Oberoi Shield

This Rolling Shield was instituted in 1967. It is awarded to the individual champion athlete of the college every year.

7. Pavendar Cup

Instituted by the College Tamil Manram, this Rolling Cup is awarded every year to the student who comes first in the Vellore District Inter Collegiate Tamil Verse Competition.

8. Pavanar Cup

This Rolling Cup, instituted by the College Tamil Manram, is awarded every year to the College which comes first in the Vellore District Inter-Collegiate Tamil Oratorical Competition.

9. OMEIAT Rolling Cup for English

This Rolling Cup, instituted in 1988 by the V.M.E. Society is awarded to a Muslim College of Vellore District which comes first in the Literary Contest in English.

10. Umaruppulavar Cup

Instituted by the College Tamil Manram, this Rolling Cup is awarded every year to the student who comes first in the Vellore District Inter-Collegiate Tamil short story writing competition.

11. Pulavar Nayagam Cup

Instituted by the College Tamil Manram, this Rolling Cup is awarded every year to the student who comes first in the Vellore District Inter-Collegiate Tamil essay writing competition.

12. Kavikko Rolling Cup

Instituted by the College Tamil Manram, this Rolling Cup is awarded every year to the student who comes first in the Tamil Nadu State Inter Collegiate Tamil Modern Poetry Competition.

13. Best Library User Award

The Department of Library & Information Science has instituted "Best Library User Award" during the academic year 2018-19. This Award is given to three students every year on the basis of the maximum usage of the Library.

MARTYR PLAQUE OF THE ALUMNUS

As per the directives of Hon'ble Prime Minister's Office communicated through the letter of Central Industrial Security Force (CISF), Ministry of Home Affairs, Government of India No. E-42099/CISF/CHPT/Wel/Adm-IV/2018/ 3449 dt. 19.05.2018, the plaque of the Martyr, the proud alumnus of this college Mr. P. Madhaiya Reddy (B.A. History 1969-72) was established in front of the NCC office. Every year on 21st October the Commemoration Day is celebrated by the NCC, staff and students.

NATIONAL CADET CORPS

(SENIOR DIVISION, ARMY WING)

Aims of NCC

- To develop qualities of character, courage, comradeship, discipline, leadership, secular outlook, spirit of adventure and sportsmanship and the ideal of selfless service among the youth to make them useful citizens.
- To create a human resource of organized, trained and motivated youth, to provide leadership in all walks of life, including the Armed Forces and be available for the service of the nation.

CARDINALS OF DISCIPLINE

- 1. Obey with a smile
- 2. Be punctual
- 3. Work hard and without fuss
- 4. Make no excuses and tell no lies.

ENROLMENT OF CADETS:

- Students from I and II year Degree Classes are enrolled in NCC on voluntary basis.
- The enrolment of cadets shall be taken up at the beginning of the academic year. The application for enrolment can be obtained from the College NCC office.
- The applicant shall in his application furnish particulars of age, height, previous NCC experience if any, the institution in which he last studied and proficiency in games and sports.
- 4. He shall be of good character.
- 5. He shall satisfy standard of physical fitness such as in height, chest measurement etc. as specified by the Ministry of Defence, Government of India.
- He shall, at no time, have been dismissed from the Indian Territorial Forces.

ATTENDANCE OF PARADES

Every cadet has to attend a minimum of 85% of parades conducted during the academic year. Otherwise, he will not be eligible to appear for Certificates' Examination. The First year Degree students who join NCC will be permitted to appear for the University Examination only when they attend 85% of the parades.

LEAVE

No cadet shall be absent from the parades without leave. If a cadet reports at the parade late, he shall be marked absent. No leave will be granted without prior permission.

UNIFORM

Cadets shall come for the parades in uniform otherwise they will not be allowed to attend parades.

CERTIFICATE EXAMINATION

Cadets who have attended not less than 85% of the parades in the first year and attended at least one camp are eligible to appear for 'B' certificate examination. Similarly the second year cadets who have attended not less than 85% of the parades in aggregates of training, passed 'B' Certificate Examination and participation at least two camps are eligible to appear for Certificate 'C' Examination.

CADETS' WELFARE SOCIETY

Every cadet has to join the NCC Cadets Welfare Society organized by the Ministry of Defence, Government of India. The aim of the Society is to extend financial assistance to the Cadets ranging from $\stackrel{?}{}$ 8,000 to $\stackrel{?}{}$ 1,00,000 based on death, permanent disability, temporary disability etc. Every cadet shall submit the nomination form of the Welfare Society and pay the subscription of $\stackrel{?}{}$ 4/- on or before 30th August so as to enable the unit commander to forward the same to the NCC Group Headquarters, Chennai on or before 5th September every year.

NCC REGIMENTAL FUND

Every cadet shall subscribe ₹ 12/- towards the NCC Organization and Regimental Fund. The amount is to be sent to the Battalion Headquarters, Vellore before the end of September.

GENERAL

Irregular attendance, insubordination, habitual inattention in classes, improper behaviour, obscenity in work or act and participation in a movement subversive of the discipline of the unit and College are strictly forbidden.

REGULATIONS BACHELOR DEGREE PROGRAMMES

(For Students admitted from 2023-2024)

CBCS

Choice-Based Credit System (CBCS) is flexible for learning. Credit defines the quantum of contents/syllabi prescribed for a course and determines the number of hours of instruction required. The distinguishing features of CBCS are the following:

It permits the students to:

- Choose Electives from a wide range of Elective Courses offered by various departments of the College.
- Undergo additional courses and acquire more than the required number of credits.
- Adopt an interdisciplinary approach to learning.
- Make the best use of the expertise of available faculty

1. Eligibility for Admission

Students for admission to the first year UG degree programme in Arts / Science / Commerce / Business Administration Programmes shall be required to have passed the Higher Secondary Examinations (Academic or Vocational Stream) conducted by the Government of Tamil Nadu or an Examination accepted as equivalent thereto by the Governing Body of Islamiah College (Autonomous), Vaniyambadi.

Provided that Students for admission into the specific main subject of study shall also possess such other qualifying conditions as may be prescribed by the University / College in the regulations governing respective programmes of study.

Admission to the direct second year of the UG degree programme under the LATERAL ENTRY system is permitted, provided there is a vacancy and it is subjected to the Eligibility and specific permission of Thiruvalluvar University. Lateral Entry admission is for those candidates who have completed their three-year diploma pin the subject in which he seeks admission.

2. Cancellation of Admission

The admission is at the student's risk and is provisional, subject to the approval of Thiruvalluvar University. If the admission is not approved for any

reason, the candidate shall not hold the College responsible for it. If selected, in the event of leaving the College after admission but at any time before completing the programme, the fee for the residual period of the course should be paid by the student as per the rules in force.

3. Eligibility for the Award of Degree Programme

A student shall be eligible for the award of the Degree programme only if he has undergone the prescribed course of study in this College for three academic years and passed the examinations of all the Six Semesters prescribed, earning 140 credits and fulfilling such conditions as have been prescribed, therefore.

4. Duration

- a. Each academic year shall be divided into two semesters. The first academic year shall comprise the first and second semesters, the second academic year: the third semesters and fourth semester and the third academic year: the fifth and sixth semesters, respectively.
- b. The Odd semesters shall consist of the period from June to November of each year and the even semesters from December to April of each year. There shall be at least 90 working days comprising 450 instructional hours for each semester.

5. Course of Study

The main subject of study for Bachelor's Degree programme shall consist of the following:

PART I Tamil/Languages

PART II English

PART III Core Courses, Generic Elective & Discipline Specific Elective

PART IV Skill Enhancement Courses, Ability Enhancement Courses

Environmental Studies, Value Education, Internship/Industrial

Training and Professional Competency Course

PART V Extension Activity

6. Extension activities

All the students shall have to enrol for NCC / NSS / Sports and Games / Rotaract / Youth Red Cross or any other service organization and subject associations in the college and shall have to put in a compulsory minimum attendance of 40 hours which shall be duly certified by the Principal of the college before 31st March in a year. If a student lacks 40 hours of attendance in the first year, he has to compensate for the same during the subsequent years. Literacy and Population Education field work shall be compulsory components in the above extension service activities.

The total marks for Extension Activities are 100, it is divided into 75 for External Activities (outside the college campus) and 25 for Internal Activities (inside the college campus) and the passing minimum is 40%. It is not taken into account for calculating the overall CGPA.

7. Continuous Internal Assessment (CIA) Test

The following procedure will be followed for the award of internal marks:

CIA Test I: Two or Three hours duration for 75 marks
CIA Test II: Three hours duration for 75 marks

Marks Distribution	Theory &
	Practical
CIA Test Marks 200 to be converted to	10 Marks
Library Usage in Hours	5 Marks
Assignment / Seminar / Observation	5 Marks
Attendance	5 Marks
TOTAL	25 Marks

Reg. No	Name	Test I - 75	Test II - 75	Total –150	Marks converted to 10	Library Usage Min. 20 hours – 5	Assignment / Seminar 5	Attendance - 5	Total for 25 (Rounded Off)
1									

In the last column, any fraction may be rounded off to the nearest integer.

The marks for the Attendance component in the Continuous Internal Assessment should be calculated as follows:

Attendance Earned	Category	Marks to be
		Awarded
90 % and Above	Highly Regular	5
75% but below 90%	Regular	4
65% but below 75%	Shortage	3
55% but below 65%	Detained	2
Below 55 %	Redo	0

The following procedure will be followed for the award of internal marks component of Library Usage:

Library Usage for all UG Programmes - 20 hours per Semester

Library usage for UG in hours	Marks to be awarded
1 hour to 7 hours	3
7 hours to 14 hours	4
14 hours and above	5

8. Requirements for proceeding to subsequent Semester

- Students shall register their names for the First-semester Examination after admission to the UG programmes.
- Students shall be permitted to proceed from the first Semester up to the Final Semester irrespective of the number of arrears in any of the End Semester Examinations.
- Students shall be eligible to go to subsequent semesters as per the attendance rules prescribed by the Governing Body from time to time.

9. Requirements to take the End Semester Examinations

- A Student will be permitted to take the End Semester Examinations of any Semester if
 - he secures at least 75% of attendance out of the 90 instructional days
 / 450 instructional hours during the particular Semester.
 - he earns a progress certificate from the Principal for having satisfactorily completed the prescribed course of study in the subjects as required by these Regulations, and
 - his conduct has been satisfactory.
- b) A Student who has secured attendance of less than 75% but 65% and above shall be permitted to take the End Semester Examinations on the recommendation of the Head of the Department and approved by the Principal to condone the lack of attendance as well as on the payment of the prescribed condonation fee to the College.

Students will be permitted to appear for Practical examinations only if they have attended 75% of the practical classes. A student who has secured an attendance of less than 65% but 55% and above is detained for that particular semester. He/She will be permitted to write the examinations in the next Odd / Even Semester by paying the prescribed condonation fee.

The Students who have an attendance of less than 55% are detained and they shall REDO the semester after completion of the programme and after

getting re-admission that too at the sole discretion of the Principal. However, readmission will be allowed only during the respective semester of the programme. Those redo the courses shall attend the special classes arranged by HOD concerned.

The REDO students who have already completed their CIA Test and Practical Examination with at least minimum qualifying marks may be exempted from reappearing for the CIA Test and Practical Examination again in the readmitted Semester. However, if any student wishes to improve upon his marks, he can appear for the CIA Test and Practical Examinations. In such a case, the original marks or the marks secured in the readmitted semester, whichever is higher, shall be taken as final marks.

10. Passing Minimum

Students shall be declared to have passed the whole examination if he passes all the papers and practicals, wherever prescribed / as per the scheme of examinations, by earning 140 CREDITS. He shall also complete one MOOC and fulfil the extension activities prescribed to qualify for the Degree.

In fixing the passing minimum, the following will be observed:

- a. There shall be no passing minimum for Internal Assessment.
- For End Semester Examinations, the passing minimum shall be P
 (minimum 40 % marks prescribed for the paper for each course /
 practical / project and Viva-voce).
- c. In aggregate (End Semester Examination + Internal Assessment) the passing minimum shall be **P** for each course.

11. Grading System

The marks earned by a candidate in the Internal Assessment and End Semester Examinations for each of the courses will be added. The marks thus obtained will then be converted into Letter Grades and Grade points as per the details given below:

Range of Marks	Letter Grade	Grade Points
96 – 100	0	10
86 – 95	A+	9
76 – 85	Α	8
66 – 75	B+	7
56 – 65	В	6
50 – 55	С	5
40 – 49	Р	4
00 – 39	F	0
Absent	Ab	0

The term Grading system indicates a seven-point scale of evaluation of the performances of students in terms of Grade Points secured in the Internal and External Examinations.

12. Classification of Successful Candidates

Successful Students who passed all the specified courses in a programme are classified as follows:

Passed all the courses with CGPA of 7.5 and

above without any arrears : First Class with Distinction

Passed all the courses with CGPA 6 to 7.4 : First Class
Passed all the courses with CGPA 5 to 5.9 : Second Class
Passed all the courses with CGPA 4 to 4.9 : Third Class

The total performance within a semester and continuous performance starting from the first semester are indicated respectively by Grade point Average (GPA) and Cumulative Grade point Average (CGPA). These two are calculated by the following formula.

$$\mathit{GPA} = \frac{\sum_i C_i G_i}{\sum_i C_i} = \frac{\mathsf{Sum} \; \mathsf{of} \; \mathsf{the} \; \mathsf{product} \; \mathsf{of} \; \mathsf{credits} \; \mathsf{and} \; \mathsf{grade} \; \mathsf{points} \; \mathsf{earned}}{\mathsf{Sum} \; \mathsf{of} \; \mathsf{the} \; \mathsf{credits} \; \mathsf{of} \; \mathsf{the} \; \mathsf{courses} \; \mathsf{in} \; \mathsf{a} \; \mathsf{Semester}}$$

$$CGPA = \frac{\sum_{n} \sum_{i} C_{ni} \ G_{ni}}{\sum_{n} \sum_{i} C_{ni}}$$

 $= \frac{\text{Sum of the product of the credits and grade points earned}}{\text{Sum of the credits for the entire programme}}$

Where C_i is the credit earned for the course i in any semester, G_i is the grade point obtained by the student for the course i and n is the number of courses passed in that semester. CGPA is the GPA of all the courses starting from the first semester to the current semester.

Choice Based Credit System (CBCS), Learning Outcomes Based Curriculum Framework (LOCF) Guideline-Based Credit and Hours Distribution System for all UG courses including Lab Hours

First Year - Semester-I

Part	List of Courses	Credit	No.of Hours
Part-1	Language – Tamil	3	6
Part-2	English	3	4
Part-3	Core Courses & Elective Courses [in Total]	13	14
	Skill Enhancement Course SEC-1	2	2
Part-4	Foundation Course	2	2
	Ability Enhancement Course	2	2
		23	30

Semester-II

Part	List of Courses	Credit	No.of
			Hours
Part-1	Language – Tamil	3	6
Part-2	English	3	4
Part-3	Core Courses & Elective Courses including	13	14
	laboratory [in Total]		
Part-4	Skill Enhancement Course -SEC-2	2	2
	Skill Enhancement Course -SEC-3 (Discipline /	2	2
	Subject Specific)		
	Ability Enhancement Course	2	2
		23	30

Second Year - Semester-III

Part	List of Courses	Credit	No.of Hours
Part-1	Language - Tamil	3	6
Part-2	English	3	4
Part-3	Core Courses & Elective Courses including laboratory [in Total]	13	14
Part-4	Skill Enhancement Course -SEC-4 (Entrepreneurial Based)	1	1
	Skill Enhancement Course -SEC-5 (Discipline / Subject Specific)	2	2
	E.V.S	-	1
	Ability Enhancement Course	2	2
		22	30

Semester-IV

Part	List of Courses	Credit	No. of
			Hours
Part-1	Language - Tamil	3	6
Part-2	English	3	4
Part-3	Core Courses & Elective Courses including laboratory [in Total]	13	13

Part-4	Skill Enhancement Course -SEC-6 (Discipline / Subject Specific)	2	2
	Skill Enhancement Course -SEC-7 (Discipline / Subject Specific)	2	2
	E.V.S	2	1
	Ability Enhancement Course	2	2
		25	30

Third Year Semester-V

Part	List of Courses	Credit	No. of Hours
			nours
Part-3	Core Courses including Project / Elective	22	26
Part-4	Value Education	2	2
	Internship / Industrial Visit / Field Visit	2	2
		26	30

Semester-VI

Part	List of Courses	Credit	No. of
			Hours
Part-3	Core Courses including Project / Elective & LAB	18	28
Part-4	Professional Competency Skill	2	2
Part - 5	Extension Activities	1	ı
		22	30

13. Ranking

Students who pass all the examinations prescribed for the programme in the First Appearance alone are eligible for Ranking, provided in the case of candidates who pass all the examinations prescribed for the program with a break in the First Appearance due to shortage of attendance, but his conduct has been satisfactory are also eligible for Classification. The marks obtained in Improvement Examinations will not be taken into consideration for Ranking.

14. The Medium of Instruction and Examinations

The medium of instruction and question paper shall be in English. The students having arrears in odd/even semesters can appear for such papers in the odd/even semester examination without any restrictions.

15. Submission of Record Notebooks for Practical Examinations

Students taking the Practical Examinations should submit Bonafide Record Note Books prescribed for the Practical Examinations. Otherwise, the students will not be permitted to take the Practical Examinations. However, in genuine cases, where students could not submit the record notebooks may be permitted to take the Practical Examinations provided the Head of the Department and the Course Teacher concerned certify that the student has

performed the experiments prescribed for the course. For such Students who do not submit Record Books, zero marks will be awarded for record notebooks in the Practical Examination concerned.

In case a Student does not secure the prescribed passing minimum in the Practical Examination, the marks awarded for the Record Note Book at the time of the first appearance for the Practical Examination should be made available by the Head of the Department concerned, at the subsequent appearance by the candidate.

16. Improvement of Marks in the Courses already passed

Students, desirous of improving the marks secured in a passed course on their first attempt, shall reappear once within a period of two subsequent semesters. The improved marks shall be considered for Classification / Distinction, but not for ranking. If there is no improvement, there shall not be any change in the original marks already awarded. The fee for such appearances will be decided by the Governing Body from time to time. Students will not be allowed to improve marks in the Practical, Project, Vivavoce and fieldwork.

17. MOOC

All the UG Students admitted from the academic year 2023-2024 shall have to complete one MOOC (SWAYAM /NAAN MUDHALVAN/Online Spoken Tutorial by IIT Bombay) of a minimum of 4 weeks duration is mandatory during the programme as per the norms, to be eligible for obtaining the UG degree.

18. Self-Supportive Courses

The above Regulations shall apply to Students undergoing the respective self-supportive courses also.

19. Rank Holders

The student who secures the highest marks in aggregate of all the subjects in the first attempt of the autonomous examinations will be the Rank Holder. This applies to all UG/PG/M.Phil. Programmes of our College. The Rank Holder will be awarded a certificate and prize.

20. Transitory Provision

Students who have joined the programme from the academic year 2023-24 will be permitted to appear for the examinations under this Regulation for a maximum period of **SIX** years. Thereafter, they will be permitted to appear for the examinations only under the new Regulations in force. The equivalent

paper to be written will be decided by the Chairman of the respective Board of Studies. Such candidates have to reregister for the programme. The fee for such re-registration will be decided by the Governing Body from time to time.

21. INTERNSHIP/INDUSTRIAL TRAINING

Objectives:

- 1. To improve the employability of students pursuing Undergraduate Degree Programme.
- 2. To focus on outcome-based learning in degree Programmes.
- To promote active linkage between the higher education system and industry, non-commercial and commercial enterprises/ organisations.

General Provisions:

- Any UG degree program in all disciplines as specified by the UGC under section 22 (3) of the UGC Act, 1956 is eligible to embed apprenticeship/internship to the degree program.
- An Internship/Industrial embedded degree program shall be treated at par with the UG degree Programmes specified by the UGC under section 22 (3) of the UGC Act, 1956.

Duration:

- The Internship/Industrial training during the second-year vacation will help the students gain valuable work experience, that connects classroom knowledge to real-world experience and to narrow down and focus on the career path.
- 2. The period of Internship/Industrial training shall be of 30 hours duration apart from the regular teaching hours.
- 3. Students may commence their Internship/Industrial training from the II Semester holidays onwards.
- 4. The spells of Internship/Industrial training shall be scheduled either continuously or at intervals depending upon the requirement and practicality of the discipline concerned.

Credit Mechanism:

1. Credits for the Internship/Industrial Training programme shall be included in the total credits of the entire programme.

2. Two Credits for the degree programme should be assigned to apprenticeship/internship.

Programme	Duration	Credit	Total Marks	
Internship/Industrial Training Report	30 hours (Beyond Regular	4	Viva	Project Report
	Teaching hours)		25	75

Evaluation of the Internship/Industrial training Report

The Internship/Industrial Training reports for UG Degree Programme may be independent or group. In case of group reports, a maximum of five Students in a group. The Title Page, Certificate by student, and certificate of Internship undertaken shall be in the format as prescribe by the Examination Cell.

The Internship / Industrial Training report should be countersigned by the Head of the Department and Principal and submitted to the Examination Cell. The external examiner is to be drawn from related faculty from affiliating University Departments / any affiliated college within the affiliating University jurisdiction.

22. Submission of Project Reports

Project with viva-voce component in the fifth semester enables the student, application of conceptual knowledge to practical situations. The state of art technologies in conducting an experiment scientifically and systematically and arriving at a precise solution is ensured. Such innovative provisions of project will give students an edge over their counterparts in the job market.

The projects for the UG degree programme may be independent or a group. In the case of group projects, a maximum of FIVE students are in a group. The format for the title page, certificate by the project advisor, declaration by the candidate(s) shall be in the format as prescribed by the Examination Cell. The project reports duly countersigned by the Head of the Department concerned and the Principal should be submitted to the office of the Controller of Examination within the specified date.

Regarding the evaluation of the Internship/Industrial training project report and project with a viva-voce examination in the fifth semester, the total mark is 100. It is divided into 75 marks for project evaluation and 25 marks for the viva-voce examination. The marks for project work evaluation and viva-voce are to be awarded jointly by the internal examiner and the external examiner.

The external examiner is to be drawn from other related faculty from within the college / affiliating University Departments / any affiliated college within our University jurisdiction.

QUESTION PAPER PATTERN FOR UG DEGREE PROGRAMMES - 3 HOURS DURATION

Part A	To answer All the 10 MCQs (Two questions from each UNIT)	10 x 1 = 10 Marks				
Part B	To answer All the 5 questions (One question from each UNIT)	5 x 2 = 10 Marks				
Part C	To answer All the 5 questions (either or type) (One question from each UNIT)	5 x 5 = 25 Marks				
Part D To answer 3 questions (out of 5 questions) (One question from each UNIT)		3 x10 = 30 Marks				
TOTAL 75 Marks						
	(Equal Weightage should be given to each unit)					

Question paper Pattern for Courses, for which Online Examination is conducted:

50 MCQs (Answer All Questions) x 1.5 marks each = Total 75 Marks Duration of the Exam = Two (2) Hours

ISLAMIAH COLLEGE (AUTONOMOUS) COURSE STRUCTURE FOR UG PROGRAMMES (CBCS PATTERN)

(For Students admitted from the academic year 2023 - 2024)

PROGRAMME OUTCOMES (POs) FOR B.A. ENGLISH

BY THE END OF THE PROGRAM, THE STUDENTS WILL BE ABLE TO

PO1: Disciplinary Knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.

PO2: Critical Thinking: Capability to apply analytic thought to a body of knowledge; analyze and evaluate evidence, arguments, claims, and beliefs based on empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following a scientific approach to knowledge development.

PO3: Problem-Solving: Capacity to extrapolate from what one has learned and apply competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's earnings to real-life situations.

PO4: Analytical Reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples and address opposing viewpoints.

PO5: Scientific Reasoning: Ability to analyze, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence, and experiences from an open-minded and reasoned perspective.

PO6: Self-directed & Lifelong Learning: Ability to work independently, identify and manage a project. Ability to acquire knowledge and skills, including "learning how to learn", through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives.

PO7: Reflective Thing: Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society

PO8: Reading & Projects: Document their reading and interpretive practices in assignments, translation works, and independent projects.

PO9: Confidence & Effectiveness: Confidently and effectively articulate their literary and textual experiences.

PO10: Social Skills & Empathetic Approach: Reorganize a professional and reflective approach to leadership, responsibility, personal integrity and self-regulation.

PROGRAMME SPECIFIC OUTCOMES:

PSO1: Acquire good knowledge and understanding, to solve specific theoretical & applied problems in different areas of English Language and Literature.

PSO2: Understand, formulate, and develop mathematical arguments, logically and use quantitative models to address issues arising in social sciences, business and other contexts/fields.

PSO3: To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions. To create effective entrepreneurs by enhancing their critical thinking, problem-solving, decision making and leadership skill that will facilitate startups and high-potential organizations.

PSO4: Developing a research framework and presenting their independent ideas effectively.

PSO5: Equipping their employability skills to excel in professions like teaching and exposing them to various activities to empower them through communication skills.

PSO6: Enabling a holistic perspective towards the socio-political inequalities and environmental issues

(PSOs)	Programme Outcomes (POs)									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO2	✓	-	✓	✓	✓	✓	✓	✓	✓	✓
PSO3	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
PSO4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO5	✓	✓	✓	✓	✓	-	✓	✓	✓	✓
PSO6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Number of Matches = 57 , Correlation: Very High									

MAPPING CORRELATION BENCHMARK

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR B.A. ENGLISH								
	(Fo	r Students ac	dmitted from the aca	demic y	ear 202	23-20	024)		
Part	Category	Course	Course Title	Hrs./ Week	Credi	Exam	G	ESE	ОТА
Ğ	category	Code		ΞŠ	ت	ŭ	٥	ш	70
	Consider Flooring	LICTATIAA	SEMESTER I		1			1	
	Generic Elective Tamil/	UCTATL11 UCURTL11	Tamil I Urdu I						
- 1	Language	UCARTL11	Arabic I	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL11	Hindi I						
- II	English	UCENTL11	English I	4	3	3	25	75	100
	Core Course 1	UCENTC11	Introduction to Literature	5	4	3	25	75	100
Ш	Core Course 2	UCENTC12	Indian Writing in English	5	4	3	25	75	100
	Elective 1	UCENTA11	Allied - Social History of England	4	3	3	25	75	100
	Skill Enhancement Course SEC1	UCENTS11	Allied - Leadership Skills	2	2	3	25	75	100
IV	Foundation Course	UCENTF11	Bridge Course	2	2	3	25	75	100
	Ability Enhancement Course AEC1	UCCCSS11	Soft Skill - I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
	Generic Elective	UCTATL21	SEMESTER II Tamil II					l	
	Tamil/	UCURTL21	Urdu II						
ı	Language (To choose 1 out	UCARTL21	Arabic II	6	3	3	25	75	100
	of 4)	UCHDTL21	Hindi II						
- II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCENTC21	British Literature I American	5	4	3	25	75	100
Ш	Core Course 4	UCENTC22	Literature I Allied - History of	5	4	3	25	75	100
	Elective 2 Skill	UCENTA21	English Literature	4	3	3	25	75	100
	Enhancement Course SEC 2	UCENTS21	Allied - Business English	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 3	UCENTS22	Technical Writing	2	2	3	25	75	100
	Ability Enhancement Course AEC2	UCCCSS21	Soft Skill - II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
	Generic Elective	UCTATL31	SEMESTER III Tamil III					ı	
	Tamil/	UCURTL31	Urdu III						
	Language (To choose 1 out	UCARTL31	Arabic III	6	3	3	25	75	100
	of 4)	UCHDTL31	Hindi III						
ш	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCENTC31	British Literature-II	5	4	3	25	75	100
	Core Course 6	UCENTC32	American Literature I	4	4	3	25	75	100
	Elective 3	UCENTA31	Allied - Literary Genres and Terms	5	4	3	25	75	100
	Skill Enhancement Course SEC 4	UCENTS31	Entrepreneurial Skill	2	1	3	25	75	100
IV	Skill Enhancement Course SEC 5 [Online Exam]	UCENTS32	Employability Skills	1	1	2	25	75	100

EVS		Environmental Studies	1	-	-	-	-	-
Ability Enhancement Course AEC3	UCCCSS31	Soft Skill - III	2	2	3	25	75	100
		TOTAL	30	22	-	200	600	800

			SEMESTER IV						
ı	Generic Elective Tamil/ Language (To choose 1 out of 4)	UCTATL41 UCURTL41 UCARTL41 UCHDTL41	Tamil IV Urdu IV Arabic IV Hindi IV	6	3	3	25	75	100
П	English	UCENTL41	English IV	4	3	3	25	75	100
	Core Course 7	UCENTC41	World Literature in Translation	5	4	3	25	75	100
III	Core Course 8	UCENTC42	Aspect of Language And Linguistics	5	4	3	25	75	100
	Elective 4	UCENTA41	Allied - The History of English Language	3	3	3	25	75	100
	Skill Enhancement Course SEC 6	UCENTS41	English for Competitive Examination	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 7	UCENTS42	Computer Literacy	2	2	3	25	75	100
	EVS [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Course AEC4	UCCCSS41	Soft Skill - IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900
			SEMESTER V						
	Core Course 9	UCENTC51	Authors in Focus	5	4	3	25	75	100
	Core Course 10	UCENTC52	Women's Writing	5	4	3	25	75	100
	Core Course 11	UCENTC53	Indian Writing Translation	4	4	3	25	75	100
Ш	Core Course 12	UCENPJ51	Project With Viva Voce	4	4	3	25	75	100
	Discipline Specific Elective 1	UCENTE51	The Great Women Writer in the World Literature	4	3	3	25	75	100
	Discipline Specific Elective 2	UCENTE52	Literary Movements in English	4	3	3	25	75	100
	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/Indust rial Training	UCENIS01	Internship/Industrial Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800

			SEMESTER VI						
	Core Course 13	UCENTC61	Introduction to Literary Theory and Criticism	6	5	3	25	75	100
	Core Course 14	UCENTC62	Journalism and Mass Communication	6	5	3	25	75	100
ш	Core Course 15	UCENTC63	Creative Writing	6	3	3	25	75	100
	Discipline Specific Elective 3	UCENTE61	New Criticism in Contemporary Literature	5	3	3	25	75	100
	Discipline Specific Elective 4	UCENTE62	Interpreting Drama	5	2	3	25	75	100
IV	Professional Competency [Online Exam]	UCENPC61	General Studies for Competitive Examinations	2	2	2	25	75	100
٧	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100
	SWAYAM /NAAN M eligible for obtainin		ine Spoken Tutorial by IIT E .]	Bombay -	- моос	[Man	datory Onli	ne Cours	se to be
			TOTAL	30	21	-	175	525	700
			Grand Total	180	140	-	1200	3600	4800

PROGRAMME OUTCOMES FOR B.A. HISTORY

PROGRAMME OUTCOMES:

PO1: Theoretical Knowledge of History: Ability to understand different theories of History and application of History to society. To develop an adequate competency in the different Historical approaches.

PO2: Analytical Reasoning and Critical Thinking: Critically Analyze and assess how economists examine the real world to understand current events and evaluate specific proposals.

PO3: Logical Reasoning and Quantitative Ability: Ability to understand how to collect and analyze data and use empirical evidence to evaluate the validity of a hypothesis, using Quantitative Methodology and conducting data analysis to interpret results.

PO4: Communication and Research Skills: Communication and Research-related skills. Developing a sense of capability for relevant/appropriate inquiry and asking questions, synthesizing and articulating and reporting results and efficiently communicating thoughts and ideas clearly and concisely.

PO5: Gender, Environment and Sustainability: Comprehend the Environmental issues and Sustainable Development and strive to achieve economic and social equity for women and be Gender Sensitive.

PO6: Employability and Leadership Skills: Become empowered individuals to be employed in various positions in industry, academia and research and have the potential to become Entrepreneurs and take leadership roles in their chosen occupations and communities.

PO7: Social Interaction: Acquire the ability to engage in relevant conversations and have the ability to understand the views of society that would help initiate policy making.

PO8: Digital Literacy and Lifelong Learning: Capability to use ICT tools in a variety of learning situations and use appropriate software for analysis of data - Ability to acquire Knowledge situations and skills for life through self-directed learning and adapt to different learning environments.

PROGRAMME SPECIFIC OUTCOMES:

PSO1: To enable students to apply different Historical theories in real-life situations and decision-making circumstances.

PSO 2: To sensitize students to various world issues related to Development, Growth, International Economics, Sustainable Development and Environment.

PSO 3: To familiarize students with the concepts and theories related to good governance, Modern Administrations and the construction of an ideal society.

PSO 4: Evaluate various social and economic problems in society and develop answers to the problems as global citizens.

PSO 5: Enhance skills of analytical and critical thinking to analyze the effectiveness of policies of the government.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme Outcomes (POs)

			-					
Programme	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
Specific								
Outcomes								
(PSOs)								
PSO 1	3	3	3	2	3	2	2	2
PSO 2	3	3	3	2	3	2	2	2
PSO3	3	3	3	2	2	3	3	2
PSO 4	3	3	2	3	3	3	3	3
PSO 5	3	3	2	3	3	3	3	3

(3 - Strong) (2 - Medium) (1 - Low)

	COURSE STRUCTURE FOR B.A. HISTORY (For Students admitted from the academic year 2023-2024)											
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL			
			SEMESTER I									
ı	Generic Elective Tamil/ Language (To choose 1 out of 4)	UCTATL11 UCURTL11 UCARTL11 UCHDTL11	Tamil I Urdu I Arabic I Hindi I	6	3	3	25	75	100			
Ш	English	UCENTL11	English I	4	3	3	25	75	100			
	Core Course 1	UCHITC11	History of Ancient India up to 1206 CE	5	4	3	25	75	100			
Ш	Core Course 2	UCHITC12	History of Tamil Nadu up to 1311 CE	5	4	3	25	75	100			
	Elective 1	UCHITA11	Allied: Studies on States and Governments	4	3	3	25	75	100			
	Skill Enhancement Course SEC 1	UCHITS11	Introduction to Tourism	2	2	3	25	75	100			
I V	Foundation Course	UCHITF11	Introduction to History	2	2	3	25	75	100			
	Ability Enhancement Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100			
			TOTAL	30	23	-	200	600	800			

			SEMESTER II						
	Generic Elective	UCTATL21	Tamil II						
	Tamil/	UCURTL21	Urdu II						
1	Language (To choose 1 out of	UCARTL21	Arabic II	6	3	3	25	75	100
	4)	UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCHITC21	History of Medieval India – 1206-1707 CE	5	4	3	25	75	100
Ш	Core Course 4	UCHITC22	History of Tamil Nadu – 1311 – 1800 CE	5	4	3	25	75	100
	Elective 2	UCHITA21	Allied: Western Political Thought	4	3	3	25	75	100
	Skill Enhancement Course SEC 2	UCHITS21	Indian Constitution	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 3	UCHITS22	Basic Journalism	2	2	3	25	75	100
	Ability Enhancement Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER III				II.	•	ı
	Generic Elective	UCTATL31	Tamil III						
	Tamil/	UCURTL31	Urdu III	٦.		1 _			
ı	Language (To choose 1 out of	UCARTL31	Arabic III	6	3	3	25	75	100
	4)	UCHDTL31	Hindi III						
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCHITC31	History of India - 1707-1857 CE	5	4	3	25	75	100
Ш	Core Course 6	UCHITC32	History of Tamil Nadu since 1801 CE	4	4	3	25	75	100
	Elective 3	UCHITA31	Allied: Indian Political Thought	5	4	3	25	75	100
	Skill Enhancement Course SEC 4	UCHITS31	Entrepreneurship Development	2	1	3	25	75	100
IV	Skill Enhancement Course SEC 5 [Online Exam]	UCHITS32	Introduction to Management	1	1	2	25	75	100
	EVS		Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800

			SEMESTER IV						
	Generic Elective	UCTATL41	Tamil IV						
1	Tamil/ Language	UCURTL41	Urdu IV	6	3	3	25	75	100
	(To choose 1 out of 4)	UCARTL41	Arabic IV						
	*1	UCHDTL41	Hindi IV						
II	English	UCENTL41	English I	4	3	3	25	75	100
	Core Course 7	UCHITC41	Freedom Struggle in India	5	4	3	25	75	100
Ш	Core Course 8	UCHITC42	History of Modern Europe- 1789-1919 CE	5	4	3	25	75	100
	Elective 4	UCHITA41	Allied: Modern Governments	3	3	3	25	75	100
	Skill Enhancement Course SEC 6	UCHITS41	Computer Training	2	2	3	25	75	100
	Skill Enhancement Course SEC 7	UCHITS42	Tourism and Hotel Management	2	2	3	25	75	100
IV	EVS [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Course AEC4	UCCCSS41	Soft Skill IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900
			SEMESTER V						
	Core Course 9	UCHITC51	History of the World 1919-2020 CE	5	4	3	25	75	100
	Core Course 10	UCHITC52	Selected Themes in History of U.S.A	5	4	3	25	75	100
	Core Course 11	UCHITC53	Regional History (History of Chennai)	4	4	3	25	75	100
Ш	Core Course 12	UCHIPJ51	Project with Viva voce	4	4	3	25	75	100
	Discipline Specific Elective 1	UCHITE51/ UCHITE52	Elements of Human Rights/ History of the Arabs from CE 500 to 750	4	3	3	25	75	100
	Discipline Specific Elective 2	UCHITE53/ UCHITE54	History of Dravidian Movement/History of Revolutions	4	3	3	25	75	100
	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/Industr	UCHIIS01	Internship/ Industrial Training	2	2	3	25	75	100
	ial Training		maasarar rranning						

			SEMESTER VI						
	Core Course 13	UCHITC61	Contemporary History of India	6	5	3	25	75	100
	Core Course 14	UCHITC62	India and Her Neighbours	6	5	3	25	75	100
Ш	Core Course 15	UCHITA63	History of Science and Technology in India	6	3	3	25	75	100
	Discipline- Specific Elective 3	UCHITE61/ UCHITE62	International Relations since 1919/ History of the Arabs from CE 750 to 1258	5	3	3	25	75	100
	Discipline Specific Elective 4	UCHITE63/ UCHITE64	History of China and Japan/History of Pondicherry	2	2	3	25	75	100
IV	Professional Competency [Online Exam]	UCHIPC61	General Studies for Competitive Examinations	2	2	2	27	75	100
v	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100
			/Online Spoken Tutorial I	y IIT Bo	ombay –	мос	DC[Manda	ntory Onli	ne
			TOTAL	30	21	-	175	525	700
			Grand Total	180	140	-	1200	3600	4800

PROGRAMME OUTCOMES FOR BACHELOR OF BUSINESS ADMINISTRATION, B.Com. GENERAL, B.Com. COMPUTER APPLICATION AND B.Com. FINANCE & ACCOUNTS

PROGRAMME OUTCOMES:

- PO1: Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of Commerce and Management.
- PO2: Communication Skills: Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information clearly and concisely to different groups.
- PO3: Critical thinking: Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, and beliefs based on empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following a scientific approach to knowledge development.
- PO4: Problem-solving: Capacity to extrapolate from what one has learned and apply competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real-life situations.
- POS: Analytical reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and address opposing viewpoints.
- PO6: Research-related skills: A sense of inquiry and capability for asking relevant/appropriate questions, problem arising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions

- from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation
- PO7: Cooperation/Teamwork: Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team
- PO8: Scientific reasoning: Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
- PO9: Reflective thinking: Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.
- PO10 Information/digital literacy: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
- PO11 Self-directed learning: Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
- PO12 Multicultural competence: Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
- PO13: Moral and ethical awareness/reasoning: Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demon starting the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
- PO14: Leadership readiness/qualities: Capability for mapping out the tasks of a team or an organization, setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, smoothly and efficiently.
- PO15: Lifelong learning: Ability to acquire knowledge and skills, including "learning how to learn", that is necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of the workplace through knowledge/skill development/rescaling.

PROGRAMME SPECIFIC OUTCOMES:

- PSO1: Develop a strong foundation in management principles and theories, gaining comprehensive knowledge of various domains within the field of business administration.
- PSO2: Cultivate effective communication skills, both written and oral, enabling students to articulate their thoughts and ideas clearly and persuasively in professional settings.
- PSO3: Acquire advanced digital and managerial skills, empowering students to adapt to the rapidly evolving business landscape and excel in diverse managerial roles.

- PSO4: Foster a deep understanding of ethical and moral values, enabling students to make principled decisions and uphold integrity in their personal and professional lives.
- PSO5: Nurture critical thinking abilities, empowering students to analyze complex business challenges, devise innovative solutions, and address diverse perspectives effectively.
- PSO6: Develop research-related skills, promoting an inquisitive mindset, and the ability to investigate business-related issues, gather relevant data, and draw meaningful conclusions.
- PSO7: Cultivate cooperation and teamwork abilities, fostering effective collaboration in diverse teams to achieve common objectives.
- PSO8: Enhance scientific reasoning, enabling students to analyze and interpret quantitative and qualitative data to support informed business decisions.
- PSO9: Encourage reflective thinking, promoting self-awareness and sensitivity to societal impacts in the context of management practices.
- PSO10: Instill information and digital literacy, equipping students with the capability to access, evaluate, and utilize information effectively in a technology-driven business environment.
- PSO11: Develop self-directed learning skills, empowering students to take initiative, identify resources, and manage projects independently for continuous personal and professional growth.
- PSO12: Cultivate multicultural competence, fostering an appreciation for diverse cultural values and perspectives, and the ability to engage respectfully in a globalized business environment.
- PSO13: Foster moral and ethical awareness, promoting responsible and principled conduct in various business scenarios, and adhering to ethical practices and environmental sustainability.
- PSO14: Cultivate leadership readiness and qualities, enabling students to map out tasks, formulate inspiring visions, build effective teams, and guide them towards successful outcomes.
- PSO15: Instill a commitment to lifelong learning, equipping students with the ability to adapt to evolving demands and acquire new knowledge and skills throughout their professional journeys.

BUSINESS ADMINISTRATION [BBA] PO – PSO MAPPING

Correlation Matrix		POs (Commerce & Management Programmes)													
PSOs (BBA)	PO 1 Discipline Knowledge	PO 2 Communication Skill	PO 3 Critical Thinking	PO 4 Problem Solving	PO 5 Analytical Skill	PO 6 Research Skill	PO 7 Teamwork	PO 8 Scientific Reasoning	PO 9 Reflective Thinking	PO 10 Digital Skill	PO 11 Self Learning	PO 12 Diverse Competence	PO 13 Moral Values	PO 14 Leadership	PO 15 Lifelong Learning
PO1	3	1	1	1	1	3	1	1	1	1	2	1	1	1	1
PO2	1	3	1	1	1	1	2	1	1	1	2	2	1	3	2
PO3	1	1	3	1	1	1	2	2	1	3	2	1	1	1	2
PO4	1	1	1	3	1	1	2	1	2	1	2	1	3	1	2
PO5	1	1	1	1	3	1	2	1	3	1	1	2	1	1	2
PO6	3	1	1	1	1	3	2	1	1	1	2	1	1	1	2
PO7	1	2	2	2	2	2	3	1	2	1	3	2	1	1	2
PO8	1	1	2	1	2	1	1	3	1	3	1	1	2	1	2
PO9	1	1	1	2	1	1	2	1	3	1	2	2	1	1	2
PO10	1	1	3	1	1	1	1	3	1	3	2	1	3	1	2
PO11	2	2	2	2	2	2	3	1	2	2	3	2	1	3	2
PO12	1	2	2	1	1	1	2	1	2	1	1	3	1	1	2
PO13	1	1	1	3	1	1	1	2	2	3	1	1	3	1	2
PO14	1	3	1	1	1	1	1	1	1	1	3	1	3	3	2
PO15	2	2	2	2	2	2	3	2	2	2	3	2	1	2	3

3 - Strong, 2- Medium, 1- Low

Overall, there is a strong correlation between several Program Outcomes (POs) and their corresponding Program Specific Outcomes (PSOs). The program seems to be well-designed to align the general learning objectives (POs) with the specific outcomes tailored to the field of Commerce and Management (PSOs). Some POs have a medium correlation, indicating that they may contribute to multiple PSOs without a direct one-to-one relationship. The overall alignment between the POs and PSOs suggests that the program is likely to provide students with a comprehensive and well-rounded education in Business Administration.

			CTURE FOR BUSINESS ADMI admitted from the academ				-		
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
			Semester I						
	Generic	UCTATL11	Tamil I						
	Elective	UCURTL11	Urdu I						
1	Tamil/ Language	UCARTL11	Arabic I	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL11	Hindi I						
II	English	UCENTL11	English I	4	3	3	25	75	100
	Core Course 1	UCBATC11	Principles of Management	5	4	3	25	75	100
Ш	Core Course 2	UCBATC12	Accounting for Managers I	5	4	3	25	75	100
	Elective 1	UCBATA11	Allied: Managerial Economics	4	3	3	25	75	100
	Skill Enhancement Course SEC 1	UCBATS12	Managerial Communication	2	2	3	25	75	100
IV	Foundation Course	UCBATF12	Basics of Event Management	2	2	3	25	75	100
	Ability Enhancement Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			Semester II						
	Generic	UCTATL21	Tamil II						
	Elective Tamil/	UCURTL21	Urdu II						
ı	Language	UCARTL21	Arabic II	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCBATC21	Marketing management	5	4	3	25	75	100
Ш	Core Course 4	UCBATC22	Accounting for Managers II	5	4	3	25	75	100
	Elective 2	UCBAPA21	Allied: International Business	4	3	3	25	75	100
	Skill Enhancement Course SEC 2	UCBATS21	Managerial Skill Development	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 3	UCBATS22	Business Etiquette and Corporate Grooming	2	2	2	25	75	100
	Ability Enhancement Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			Semester III						
		UCTATL31	Tamil III						
	Generic Elective Tamil/	UCURTL31	Urdu III]	_				46-
ı	Language (To choose 1	UCARTL31	Arabic III	6	3	3	25	75	100
	out of 4)	UCHDTL31	Hindi III						

II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCBATC31	Organisational Behaviour	5	4	3	25	75	100
Ш	Core Course 6	UCBATC32	Financial Management	4	4	3	25	75	100
	Elective 3	UCBAPA31	Allied: Business Statistics	5	4	3	25	75	100
	Skill Enhancement Course SEC 4	UCBATS31	Computer Applications in Business	2	1	3	25	75	100
IV	Skill Enhancement Course SEC 5	UCBAPS31	Tally – Basis – Lab	1	1	2	25	75	100
	EVS		Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800

			Semester IV						
ı	Generic Elective Tamil/ Language (To choose 1 out of 4)	UCTATL41 UCURTL41 UCARTL41 UCHDTL41	Tamil IV Urdu IV Arabic IV Hindi IV	6	3	3	25	75	100
П	English	UCENTL41	English I	4	3	3	25	75	100
	Core Course 7	UCBATC41	Business Environment	5	4	3	25	75	100
Ш	Core Course 8	UCBATC42	Business Regulatory Frame Work	5	4	3	25	75	100
	Elective 4	UCBATA41	Allied: Operations Research	3	3	3	25	75	100
	Skill Enhancement Course SEC 6	UCBAPS41	Tally – Advanced Lab	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 7	UCBATS42	Intellectual Property Rights	2	2	3	25	75	100
	EVS [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Course AEC4	UCCCSS41	Soft Skill IV	2	2	3	25	75	100
			TOTAL	30	25	-	200	600	800
			Semester V						
	Core Course 9	UCBATC51	Human Resource Management	5	4	3	25	75	100
	Core Course 10	UCBATC52	Research Methodology	5	4	3	25	75	100
	Core Course 11	UCBATC53	Business Taxation	4	4	3	25	75	100
Ш	Core Course 12	UCBATC54	Management Information System	4	4	3	25	75	100
	Discipline Specific Elective 1	UCBATE51/ UCBATE52/ UCBATE53	Digital Marketing/Industrial Relations/Financial Services	4	3	3	25	75	100
	Discipline Specific Elective 2	UCBAPJ51	Project with Viva voce	4	3	3	25	75	100

	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/ Industrial Training	UCBAIST1	Internship/Industrial Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800
			Semester VI						
	Core Course 13	UCBATC61	Entrepreneurial Development	6	5	3	25	75	100
	Core Course 14	UCBATC62	Services Marketing	6	5	3	25	75	100
	Core Course 15	UCBATA63	Production and Material Management	6	3	3	25	75	100
III	Discipline Specific Elective 3	UCBATE61/ UCBATE62/ UCBATE63	Consumer Behaviour/Innovation management/Security Analysis & Portfolio Management	5	3	3	25	75	100
	Discipline Specific Elective 4	UCBATE64/ UCBAPE65	Fundamentals of Logistics/ E-business/MS Office -Lab	5	2	3	25	75	100
IV	Professional Competency [Online Exam]	UCBAPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100
v	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100
	SWAYAM / NAAM to be eligible for		Online Spoken Tutorial by IIT Bo G degree]	ombay –	моос [Mano	latory O	nline Cou	ırse
			TOTAL	30	21	-	175	525	700
			Grand Total	180	140	-	1200	3600	4800

B.Com. GENERAL DEGREE PROGRAMME PROGRAMME SPECIFIC OUTCOMES:

PSO1 – Placement: To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions.

PSO 2 - Entrepreneur: To create effective entrepreneurs by enhancing their critical thinking, problem-solving, decision making and leadership skill that will facilitate startups and high-potential organizations

PSO3 – Research and Development: Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.

PSO4 – Contribution to Business World: To produce employable, ethical and innovative professionals to sustain in the dynamic business world.

PSO5 – Contribution to the Society: To contribute to the development of society by collaborating with stakeholders for mutual benefit

MAPPING OF PSOS WITH POS

PO			PSO		
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
PO 1	3	3	1	3	3
PO 2	3	3	1	3	2
PO 3	2	2	2	2	1
PO 4	3	3	1	3	3
PO 5	2	2	1	2	2
PO 6	1	1	1	1	1
PO 7	2	2	2	2	2
PO 8	1	1	2	2	2
PO 9	1	1	2	2	2
PO 10	3	3	3	3	3
PO 11	2	1	2	2	2
PO 12	1	2	1	1	1
PO 13	2	3	2	3	3
PO 14	2	3	2	3	2
PO 15	2	2	1	2	2
Total	30	32	23	34	31
Average	2	2.13	1.92	2.27	2.07

	(Fo		STRUCTURE FOR B.Co				024)		
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
			SEMESTER I						
	Generic	UCTATL11	Tamil I						
	Elective Tamil/	UCURTL11	Urdu I						
1	Language	UCARTL11	Arabic I	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL11	Hindi I						
II	English	UCENTL11	English I	4	3	3	25	75	100
	Core	UCCOTC11	Financial	5	4	3	25	75	100
	Course 1	00001011	Accounting I		7	_		/-	100
	Core Course 2	UCCOTC12	Principles of Management	5	4	3	25	75	100
Ш	Elective 1	UCCOTA11/ UCCOTA12/ UCCOTA13	Allied: Business Economics/Indian Economic Development/Busines s Organisation	4	3	3	25	75	100
	Skill Enhancement Course SEC 1	UCCOTS11	E-Business	2	2	3	25	75	100
IV	Foundation Course	UCCOTF11	Basics of Commerce	2	2	3	25	75	100
	Ability Enhancement Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER II						
	Generic	UCTATL21	Tamil II	I				I	
	Elective	UCURTL21	Urdu II						
1	Tamil/ Language	UCARTL21	Arabic II	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL21	Hindi II						
Ш	English	UCTENL21	English II	4	3	3	25	75	100
	Core Course 3	UCCOTC21	Financial Accounting II	5	4	3	25	75	100
	Core Course 4	UCCOTC22	Business Law	5	4	3	25	75	100
III	Elective 2	UCCOTA21/ UCCOTA22/ UCCOTA23	Allied: Business Environment/ Insurance and Risk Management/Internat ional Trade	4	3	3	25	75	100
IV	Skill Enhancement Course SEC 2	UCCOPS21	Computer Literacy in Commerce - Lab	2	2	3	25	75	100

	CL:III	1	T			1		1	
	Skill Enhancement Course SEC 3	UCCOTS22	Business Communication	2	2	3	25	75	100
	Ability Enhancement Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER III						
	Generic	UCTATL31	Tamil III						
	Elective	UCURTL31	Urdu III						
1	Tamil/ Language	UCARTL31	Arabic III	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL31	Hindi III						
		-							
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCCOTC31	Corporate Accounting	5	4	3	25	75	100
	Core Course 6	UCCOTC32	Company Law	4	4	3	25	75	100
Ш	Elective 3	UCCOTA31 / UCCOTA32 / UCCOTA33	Allied: Business Mathematics & Statistics / Business Legislation/ E-Commerce	5	4	3	25	75	100
	Skill Enhancement Course SEC 4	UCCOPA34	Computerised Accounting I - Lab	2	1	3	25	75	100
IV	Skill Enhancement Course SEC 5 [Online Exam]	UCCOTS31	Personality Development	1	1	2	25	75	100
	EVS		Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800
	<u>'</u>		SEMESTER IV						
	Generic	UCTATL41	Tamil IV						
	Elective Tamil/	UCURTL41	Urdu IV	_	_				
1	Language (To choose 1	UCARTL41	Arabic IV	6	3	3	25	75	100
	out of 4)	UCHDTL41	Hindi IV						
II	English	UCENTL41	English I	4	3	3	25	75	100
	Core Course 7	UCCOTC41	Corporate Accounting II	5	4	3	25	75	100
	Core Course 8	UCCOTC42	Principles of Marketing	5	4	3	25	75	100
III	Elective 4	UCCOTA41 / UCCOTA42 / UCCOTA43	Allied: Financial Services/Consumeris m & Consumer Protection/Operation s Research	3	3	3	25	75	100
IV	Skill Enhancement Course SEC 6	UCCOPS41	Computerised Accounting II – Tally Lab	2	2	3	25	75	100

	Skill Enhancement Course SEC 7	иссотѕ	42	Employability Skills	2	2	2	25	75	100
	EVS [Online Exam]	UCENV	/401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Course AEC4	ucccss	41	Soft Skill IV	2	2	3	25	75	100
				TOTAL	30	25	-	225	675	900
				SEMESTER V						
	Core Course 9	иссотс	51	Cost Accounting I	5	4	3	25	75	100
	Core Course 10	иссотс	:52	Banking Law and Practice	5	4	3	25	75	100
	Core Course 11	иссотс	53	Income Tax Law and Practice I	4	4	3	25	75	100
ш	Core Course 12	UCCOPJ: UCCOTO		Project with Viva Voce/ Auditing and Corporate Governance	4	4	3	25	75	100
	Discipline Specific Elective 1	UCCOTE	•	Financial Management/ Indirect Taxation	4	3	3	25	75	100
	Discipline Specific Elective 2	UCCOTE		Human Resource Management/ Office Management & Secretarial Practice	4	3	3	25	75	100
	VED [Online Exam]	UCVED5	601	Value Education	2	2	2	25	75	100
IV	Summer Internship/In dustrial Training	uccoise	01	Internship/ Industrial Training	2	2	3	25	75	100
				TOTAL	30	26	-	200	600	800
				Semester VI						
	Core Course 13	иссотс	61	Cost Accounting II	6	5	3	25	75	100
	Core Course 14	иссотс	62	Management Accounting	6	5	3	25	75	100
	Core Course 15	UCCOTA	163	Income Tax Law and Practice II	6	3	3	25	75	100
III	Discipline Specific Elective 3	UCCOTE		Entrepreneurial Development/ Computer Application in Business	5	3	3	25	75	100
	Discipline Specific Elective 4	UCCOPE UCCOTE		Spreadsheet for Business - Lab / Logistics and Supply Chain Management/	5	2	3	25	75	100
IV	Professional Competency [Online exam]	UCCOP	PC61	General Awareness for Competitive Examinations	2	2	2	25	75	100
v	Extension Activity	UCEXA	C61	Extension Activity	-	1	-	25	75	100
	SWAYAM / NA/			Online Spoken Tutorial by I degree]	IT Bomb	ay – MO	DC[N	landatory	Online (Course
			TOTAL		30	21	-	175	525	700

B.Com. COMPUTER APPLICATION PROGRAMME SPECIFIC OUTCOMES:

PSO1 – Placement: To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions.

PSO 2 - Entrepreneur: To create effective entrepreneurs by enhancing their critical thinking, problem-solving, decision making and leadership skill that will facilitate startups and high-potential organizations

PSO3 – Research and Development: Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.

PSO4 – Contribution to Business World: To produce employable, ethical and innovative professionals to sustain in the dynamic business world.

PSO 5 – Contribution to the Society: To contribute to the development of society by collaborating with stakeholders for mutual benefit

PSO6: Conduct business by adhering to various Legal and Regulatory Guidelines in the digital era.

PSO7: Exhibit Entrepreneurship Skills.

PSO8: Apply Optimal Costing Methods for better decision-making.

PSO9: Apply Income Tax Provision to estimate the Tax Liability of Individuals and MSMEs.

PSO10: Perform Business Activities efficiently and effectively in the digital Era with the help of ICT.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Program Specific	Program Outcomes (POs)											
Outcomes(PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10		
PSO1	✓	✓	✓	✓	√	✓	✓	√	✓	✓		
PSO2	✓	✓	✓	✓		✓			✓			
PSO3	√	✓		✓		✓						
PSO4	✓	✓		✓		✓	✓		✓			
PSO5	✓	✓	✓	✓		✓						
PSO6	✓	✓						✓		✓		
PSO7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PSO8	✓			✓		✓	✓	✓				
PSO9	✓	✓	✓	✓		✓		✓				
PSO10	✓	✓	✓	✓	✓	✓	✓		✓			

MAPPING BENCHMARK

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-30	31-60	61-70	71-100
Correlation	Poor	Moderate	High	Very High

			RE FOR B.Com. COMPU						
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
			SEMESTER I						
	Generic	UCTATL11	Tamil I						
	Elective Tamil/	UCURTL11	Urdu I						
1	Language	UCARTL11	Arabic I	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL11	Hindi I						
II	English	UCENTL11	English I	4	3	3	25	75	100
	Core Course 1	UCCATC11	Financial Accounting I	5	4	3	25	75	100
	Core	UCCATC12	Principles of	5	4	3	25	75	100
III	Course 2	OCCATCIL	Management	Ľ		_		,,	100
		UCCAPA11/	Allied: Office Automation		_	_			
	Elective 1	UCCAPA12/	and Lab/Programming in	4	3	3	25	75	100
	Skill		C and Lab						
	Enhancement	UCCATS11	Indian Constitution	2	2	3	25	75	100
	Course SEC 1	OCCAISII	Indian Constitution			,	23	/3	100
	Foundation	+	Economics for						
IV	Course	UCCATF12	Management	2	2	2	25	75	100
	Ability								
	Enhancement Course AEC1	UCCCSS11	Soft Skills I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER II						
	Generic Elective	UCTATL21	Tamil II	1					
	Tamil/	UCURTL21	Urdu II						
ı	Language	UCARTL21	Arabic II	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCCATC21	Financial Accounting II	5	4	3	25	75	100
	Core Course 4	UCCATC22	Business Law	5	4	3	25	75	100
III	Elective 2	UCCAPA21/ UCCAPA22/	Allied: Python Programming and Lab / Programming in C ++ and Lab	4	3	3	25	75	100
	Skill		Consumer welfare	2	2	3	25	75	100
	Enhancement Course SEC 2	UCCATS21	consumer wenter						
IV	Enhancement Course SEC 2 Skill Enhancement Course SEC 3	UCCATS21	Digital Marketing	2	2	2	25	75	100
IV	Enhancement Course SEC 2 Skill Enhancement			2	2	2	25 25	75 75	100

			SEMESTER III						
	Generic Flective	UCTATL31	Tamil III						
١.	Tamil/	UCURTL31	Urdu III	6	3	3	25	75	100
1	Language (To choose 1	UCARTL31	Arabic III	ь	3	3	25	/5	100
	out of 4)	UCHDTL31	Hindi III						
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCCATC31	Corporate Accounting I	5	4	3	25	75	100
	Core Course 6	UCCATC32	Business Mathematics & Statistics	5	4	3	25	75	100
III	Elective 3 UCCAI	UCCAPA31	Allied: Web Technology (PHP) and Lab /Programming in JAVA and Lab	4	3	3	25	75	100
	Skill Enhancement Course SEC 4 [Online Exam]	UCCATS31	Computerized Management Information System (CMIS)	1	1	2	25	75	100
IV	Skill Enhancement Course SEC 5	UCCATS32	Customer Relationship Management with IT	2	2	3	25	75	100
	EVS		Environmental Studies	1	-	-	-	-	1
	Ability Enhancement Course AEC3	UCCCSK31	Soft Skills III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800

			SEMESTER IV						
	Generic	UCTATL41	Tamil IV						
	Elective Tamil/	UCURTL41	Urdu IV						
1	Language	UCARTL41	Arabic IV	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL41	Hindi IV						
II	English	UCENTL41	English I	4	3	3	25	75	100
	Core Course 7	UCCATC41	Corporate Accounting II	5	4	3	25	75	100
	Core Course 8	UCCATC42	Company Law	5	4	3	25	75	100
III	Elective 4	UCCATA41/ UCCATA42	Allied: Introduction to Data Science/Relational Database Management System	3	3	3	25	75	100
	Skill Enhancement Course SEC 6	UCCATS41	Enterprise Resource Planning with IT	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 7	UCCATS42	Computer Applications in Finance	2	2	2	25	75	100
	EVS [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Course AEC4	UCCCSK11	Soft Skills IV	2	2	3	25	75	100
			TOTAL	30	25	•	225	675	900

			SEMESTER V							
	Core Course 9	UCCATC51	Cost Accounting I		,	4	3	25	75	100
	Core Course 10	UCCATC52	Banking Law and Practice	;	,	4	3	25	75	100
	Core Course 11	UCCATC53	Income Tax Law and Practice I	4		4	3	25	75	100
ш	Core Course 12	UCCAPJ51	Project with Viva Voce Auditing and Corporate Governance	4		4	3	25	75	100
	Discipline Specific Elective 5	UCCATE51/ UCCATE52	Indirect Taxation/ Financial Management	4		3	3	25	75	100
	Discipline Specific Elective 6	UCCAPE53/ UCCAPE54	Software Engineering+(UML Lab)/Object oriented Analysis and Design+(UML Lab)	4	1 :	3	3	25	75	100
	VED [Online Exam]	UCVED501	Value Education	:	2	2	2	25	75	100
IV	Summer Internship/Indu strial Training	UCHIIS01	Internship/Industrial Training	g 2	2	2	3	25	75	100
			TOTAL		0 2	6	-	200	600	800
			SEMESTER VI							
	Core Course 13	UCCATC61	Cost Accounting II	6	4		3	25	75	100
	Core Course 14	UCCATC62	Management Accounting	6	4		3	25	75	100
Ш	Core Course 15	UCCATA63	Income Tax Law and Practice II	6	4		3	25	75	100
	Discipline Specific Elective 7	UCCATE61/ UCCATE62	Entrepreneurial Development/Human Resource management	5	3	1	3	25	75	100
	Discipline Specific Elective 8	UCCATE63/ UCCATE64	Practical Tally /R Language	5	3	ŀ	3	25	75	100
IV	Professional Competency	UCCAPC61	General Awareness for Competitive Examinations	2	2	!	3	25	75	100
v	Extension Activity	UCEXAC61	Extension Activity	-	1		-	25	75	100
	SWAYAM / NAAM to be eligible for o		/Online Spoken Tutorial by IIT E G degree]	Bomba	y – M	000	[Mar	ndatory (Online Co	urse
			TOTAL	30	2:	1	-	175	525	700
			Grand Total	180	14	0	-	1200	3600	4800

B.Com [Finance & Accounts] PROGRAMME SPECIFIC OUTCOMES

PSO1 - Placement:

To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions.

PSO 2 - Entrepreneur:

To create effective entrepreneurs by enhancing their critical thinking, problem-solving, decision making and leadership skill that will facilitate startups and high-potential organizations

PSO3 - Research and Development:

Design and implement HR systems and practices grounded in research that complies with employment laws, leading the organization towards growth and development.

PSO4 - Contribution to Business World:

To produce employable, ethical and innovative professionals to sustain in the dynamic business world.

PSO 5 - Contribution to the Society:

To contribute to the development of society by collaborating with stakeholders for mutual benefit

PSO 6 Provide more exposure to modern aspects of the HR and Marketing field to develop decision-making skills

PSO 7 Equip with knowledge of legal framework in the context of the business, company, and various industries

PSO 8 Understand the importance of communication and writing necessary reports in the daily routine of business

PSO 9 Computer applications and computerized accounting like e-filing and different tax return training will enable them to solve accounting problems

PSO 10 Understand the statistical methods and techniques to solve various problems relating to another interdisciplinary arena including research

. MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme Specific		Program Out Comes (POs)											
Outcomes (PSO)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10			
PSO1	٧	٧	٧	٧		٧	٧	٧		٧			
PSO2	٧	٧	٧	٧	٧	٧	٧		٧	٧			
PSO3	٧	٧	٧	٧	٧	٧	٧						
PSO4	٧	٧	٧	٧	٧	٧	٧	٧		٧			
PSO5	٧	٧	٧	٧	٧	٧	٧		٧	٧			
PSO6	٧	٧	٧	٧		٧				٧			
PSO7	٧	٧	٧	٧	٧	٧	٧	٧	٧	٧			
PSO8	٧	٧	٧	٧	٧		٧	٧		٧			
PSO9	٧	٧	٧	٧		٧		٧	٧	٧			
PSO10	٧	٧	٧	٧	٧	٧			٧	٧			
Correlated -Ve	ery High						To	tal =82					

Mapping Bench Mark

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-30	31-60	61-70	71-100
Correlation	Poor	Moderate	High	Very High

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			JCTURE for B.Com. FIN s admitted from the a)	
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
			SEMESTER I						
	Generic	UCTATL11	Tamil I						
	Elective	UCURTL11	Urdu I						
1	Tamil / Language	UCARTL11	Arabic I	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL11	Hindi I						
II	English	UCENTL11	English I	4	3	3	25	75	100
	Core Course 1	UCFATC11	Financial Accounting I	5	4	3	25	75	100
	Core Course 2	UCFATC12	Principles of Management	5	4	3	25	75	100
Ш	Elective 1	UCFATA11 UCFATA12 UCFATA13	Business Communication/ Indian Economic Development/Busines s Economics	4	3	3	25	75	100
	Skill Enhancement Course SEC1	UCFATS11	E-Commerce	2	2	3	25	75	100
	Foundation Course	UCFATS12	Financial Markets	2	2	2	25	75	100
IV	Ability Enhancement Course AEC1	UCCCSS11	Soft Skills I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER II						
	Generic	UCTATL21	Tamil II						
	Elective	UCURTL21	Urdu II						
1	Tamil / Language	UCARTL21	Arabic II	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCFATC21	Financial Accounting II	5	4	3	25	75	100
	Core Course 4	UCFATC22	Business Law	5	4	3	25	75	100
""	Elective 2	UCFATA21 UCFATA22 UCFATA23	Human Resource Management/ International Trade/ Working Capital Management	4	3	3	25	75	100

	Skill Enhancement Course SEC2	UCFATS21	Financial Technology	2	2	3	25	75	100
IV	Skill Enhancement Course SEC3	UCFATS22	Personal Finance	2	2	3	25	75	100
IV	Ability Enhancement Course 2	UCCCSS21	Soft Skills II	2	2	3	25	75	100
			TOTAL	30	23	- 1	200	600	800

			SEMESTER III						
	Generic	UCTATL31	Tamil III						
	Elective	UCURTL31	Urdu III						
1	Tamil /	UCARTL31	Arabic III	6	3	3	25	75	100
	Language								
	(To choose 1 out of 4)	UCHDTL31	Hindi III						
п	English	UCENTL31	English III	4	3	3	25	75	100
	-		Corporate						
	Core Course 5	UCFATC31	Accounting-I	5	4	3	25	75	100
	Core Course 6	UCFATC32	Company Law	4	4	3	25	75	100
III	Elective 3	UCFATA31 UCFATA32 UCFATA33	Fundamentals of Investment/ Financial Services/ Business Mathematics and Statistics.	5	4	3	25	75	100
	Skill Enhancement Course SEC4	UCFATS31	Entrepreneurship Development	2	1	3	25	75	100
IV	Skill Enhancement Course SEC5 [Online Exam]	UCFATS32	Business Analytics	1	1	2	25	75	100
	EVS	UCENV301	Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Course 3	UCCCSS31	Soft Skills III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800
			SEMESTER IV						
	Generic	UCTATL41	Tamil IV						
,	Elective Tamil /	UCURTL41	Urdu IV	6	3	3	25	75	100
ľ	Language (To choose 1	UCARTL41	Arabic IV		3		23	/3	100
	out of 4)	UCHDTL41	Hindi IV						
II	English	UCENTL41	English IV	4	3	3	25	75	100
	Core Course 7	UCFATC41	Corporate Accounting-II	5	4	3	25	75	100
Ш	Core Course 8	UCFATC42	Principles of Marketing	5	4	3	25	75	100
	Generic Elective 4	UCFATA41 UCFATA42 UCFATA43	Management Information System/Financial	3	3	3	25	75	100

			Derivatives/ Operation Research						
	Skill Enhancement Course SEC6	UCFATS41	Digital Marketing	2	2	3	25	75	100
IV	Skill Enhancement Course SEC7	UCFATS42	E-filing of Returns	2	2	3	25	75	100
	EVS [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Course 4	UCCCSS41	Soft Skills IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900

			SEMESTER V						
	Core Course 9	UCFATC51	Cost Accounting I	5	4	3	25	75	100
	Core Course 10	UCFATC52	Banking Law and Practice	5	4	3	25	75	100
	Core Course 11	UCFATC53	Income Tax Law and Practice I	4	4	3	25	75	100
ш	Core Course 12	UCFAPJ51	Project with Viva Voce Auditing and Corporate Governance	5	4	3	25	75	100
	Discipline - Specific Core Course 1	UCFATD51/ UCFATD52	Financial Management/ Financials Reporting	4	3	3	25	75	100
	Discipline- Specific Elective 2	UCFATD53/ UCFATD54	Investment Analysis and Portfolio Management/ Merchant Banking	3	3	3	25	75	100
	VED [Online exam]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/Indu strial Training	UCFAIS01	Internship / Industrial Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800
			SEMESTER VI						
	Core Course 13	UCFATC61	Cost Accounting II	6	5	3	25	75	100
	Core Course 14	UCFATC62	Management Accounting	6	5	3	25	75	100
	Core Course 15	UCFATC63	Income Tax Law and Practice II	6	3	3	25	75	100
Ш	Discipline - Specific Elective 3	UCFATD61/ UCFATD62	Indirect Taxation/Computer Applications in Business	5	3	3	25	75	100
	Discipline- Specific Elective 4	UCFATD63/ UCFATD64	Indian Accounting Standard/ Spreadsheet for Business	5	2	3	25	75	100
IV	Professional Competency [Online Exam]	UCFAPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100

V	Extension Activities	UCEXAC61	Extension Activities	-	1	-	25	75	100		
	SWAYAM / NAAN MUDHALVAN/Online Spoken Tutorial by IIT Bombay – MOOC [Mandatory Online Course to be eligible for obtaining the UG degree]										
			TOTAL	30	21	-	175	525	700		
			GRAND TOTAL	180	140	-	1200	3600	4800		

PROGRAMME OUTCOMES FOR B.SC. PROGRAMMES [MATHEMATICS. PHYSICS AND CHEMISTRY]

- PO1 Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate Programme of study.
- PO2 Communication Skills: Ability to express thoughts and ideas effectively in writing and orally;

 Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information clearly and concisely to different groups.
- PO3 Critical thinking: Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, and beliefs based on empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following a scientific approach to knowledge development.
- PO4 Problem-solving: Capacity to extrapolate from what one has learned and apply competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real-life situations.
- POS Analytical reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and address opposing viewpoints.
- PO6 Research-related skills: A sense of inquiry and capability for asking relevant/appropriate questions, problem arising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
- PO7 Cooperation/Teamwork: Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
- PO8 Scientific reasoning: Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
- PO9 Reflective thinking: Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.
- PO10 Information/digital literacy: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

- PO11 Self-directed learning: Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
- PO12 Multicultural competence: Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
- PO13 Moral and ethical awareness/reasoning: Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one"s work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
- PO14 Leadership readiness/qualities: Capability for mapping out the tasks of a team or an organization, setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, smoothly and efficiently.
- PO15 Lifelong learning: Ability to acquire knowledge and skills, including "learning how to learn", that is necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of the workplace through knowledge/skill development/reskilling.

B.Sc. MATHEMATICS DEGREE PROGRAMME

By the end of the program, the students will be able to

PSO1	Develop the mathematical ability to think abstractly.
PSO2	Solve skilled problems.
PSO3	Create talents for various types of employment.
PSO4	Equip themselves to appear in competitive examinations.
PSO5	Learn independently and improve self-performance.
PSO6	Develop in-depth knowledge of mathematics appreciating the connection between
	theory and its applications.
PSO7	Identify the application of mathematics in other disciplines and society.
PSO8	Demonstrate mathematical modelling ability.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme Specific Outcomes (PSOs)	Programme Outcomes (POs)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10		
PSO1	✓	✓	✓	✓			✓	✓		✓		
PSO2	√	✓	✓	√			√	√	√			
PSO3	✓		✓	✓	✓		✓	✓				
PSO4	√	✓		✓	✓			✓	✓			
PSO5	√		✓	✓		✓	✓	✓	✓			
PSO6		✓	✓	✓	✓		✓	✓	✓			
PSO7		✓	✓	✓				✓	✓	✓		
PSO8		✓	✓			✓	✓	✓	✓	✓		
Number of M	Number of Matches = 53, Correlation: High											

Mapping Correlation Benchmark

Mapping	1-29%	30-59%	60-69%	70-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR B.Sc MATHEMATICS (For Students admitted from the academic year 2023-2024)										
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL		
	SEMESTER I										
	Generic Elective Tamil/	UCTATL11	Tamil I		3	3	25				
ı		UCURTL11	Urdu I	6				75	100		
ļ '	Language (To choose 1 out of 4)	UCARTL11	Arabic I						100		
		UCHDTL11	Hindi I								
II	English	UCENTL11	English I	4	3	3	25	75	100		
	Core Course 1	UCMSTC11	Algebra &Trigonometry	5	4	3	25	75	100		
Ш	Core Course 2	UCMSTC12	Differential Calculus	5	4	3	25	75	100		
	Elective 1	UCMSTA11	Allied: Numerical Methods with Applications	4	3	3	25	75	100		

	Skill Enhancement Course SEC 1 [NME - Allied Dept]	UCMSPS11	Numerical Methods with Applications Lab	2	2	3	25	75	100
IV	Foundation Course	UCMSTF11	Bridge Mathematics	2	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC 1	UCCCSS11	Soft Skill I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
		SEMESTER II							
		UCTATL21	Tamil II						
١.	Generic Elective Tamil/ Language	UCURTL21	Urdu II	,	,	3	25	75	100
ı	(To choose 1 out of 4)	UCARTL21	Arabic II	6	3	3	25	/3	100
		UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCMSTC21	Analytical Geometry (Two & Three Dimensions)	5	4	3	25	75	100
Ш	Core Course 4	UCMSTC22	Integral Calculus	5	4	3	25	75	100
	Elective 2	UCMSPA21	Allied: Calculus of Finite Differences	4	3	3	25	75	100
	Skill Enhancement Course SEC 2	UCMSPS21	Problem-Solving Techniques Lab	2	2	3	25	75	100
IV	Skill Enhancement Course SEC 3	UCMSTS21	Computational Mathematics	2	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC 2	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800

	SEMESTER IV										
	Generic	UCTATL31	Tamil III								
١.	Elective Tamil/ Language (To choose 1	UCURTL31	Urdu III	6	3	3	25	75	100		
'		UCARTL31	Arabic III			3	23		100		
	out of 4)	UCHDTL31	Hindi III								
П	English	UCENTL31	English III	4	3	3	25	75	100		
Ш	Core Course 5	UCMSTC31	Vector Calculus and Applications	5	4	3	25	75	100		

	Core Course 6	UCMSTC32	Differential Equations and Applications	5	4	3	25	75	100	
	Elective 3	UCMSPA31	Allied: Mathematical Statistics	4	3	3	25	75	100	
	Skill Enhancement Course SEC 4	UCMSPS31	MS Office - Lab	1	1	3	25	75	100	
	Skill Enhancement Course SEC 5	UCMSPS32	Statistics with R Programming - Lab	2	2	3	25	75	100	
IV	EVS	-	Environmental Studies	1	-	-	-	-		
	Ability Enhancement Compulsory Course AEC 3	UCCCSS31	Soft Skill III	2	2	3	25	75	100	
			TOTAL	30	22	-	200	600	800	
			SEMESTER V							
	Conorio	UCTATL41	Tamil IV							
	Generic Elective Tamil/	UCURTL41	Urdu IV	6	3	3	25	75	100	
į	Language (To choose 1	UCARTL41	Arabic IV		3	3	25	/5	100	
	out of 4)	UCHDTL41	Hindi IV							
П	English	UCENTL41	English IV	4	3	3	25	75	100	
	Core Course 7	UCMSTC41	Industry Module – Industrial Statistics	5	4	3	25	75	100	
ш	Core Course 8	UCMSTC42	Elements of Mathematical Analysis	5	4	3	25	75	100	
	Elective 4	UCMSTA41	Allied: Transformation Techniques	3	3	3	25	75	100	
	Skill Enhancement Course SEC 6	UCMSTS41	Introduction to Data Science	2	2	3	25	75	100	
ıv	Skill Enhancement Course SEC 7	UCMSTS42	Mathematical Computation	2	2	2	25	75	100	
IV	EVS [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100	
	Ability Enhancement Compulsory Course AEC 4	UCCCSS41	Soft Skill IV	2	2	3	25	75	100	
			TOTAL	30	25	-	225	675	900	

	SEMESTER VI										
	Core Course 9	UCMSTC51	Abstract Algebra	5	4	3	25	75	100		
	Core Course 10	UCMSTC52	Real Analysis	5	4	3	25	75	100		
	Core Course 11	UCMSTC53	Mathematical Modelling	4	4	3	25	75	100		
III	Core Course 12	UCMSPJ51	Project with Viva Voce	5	4	3	25	75	100		
	Discipline Specific Elective 1	UCMSTE51/	Optimization Techniques	4	3	3	25	75	100		
	Discipline Specific UCMSPE5 Elective 2		Introduction to Machine Learning – Theory & Practical	3	3	3	25	75	100		
IV	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100		
IV	Summer Internship/In dustrial Training	UCMSIS01	Internship/Industrial Training	2	2	3	25	75	100		
			TOTAL	30	26	-	200	600	800		
	Core Course 13	UCMSTC61	Linear Algebra	6	4	3	25	75	100		
	Core Course 14	UCMSTC62	Complex Analysis	6	4	3	25	75	100		
ш	Core Course 15	UCMSTA63	Mechanics	5	3	3	25	75	100		
""	Discipline Specific Elective 3	UCMSTD61	Programming Language C++ with Practicals	5	3	3	25	75	100		
	Discipline Specific Elective 4	UCMSTD63	Graph Theory and Applications	2	2	3	25	75	100		
IV	Professional Competency [Online Exam]	UCMSPC61	Mathematics for Competitive Examinations	2	2	3	25	75	100		
v	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100		
			/Online Spoken Tutorial bg the UG degree]	y IIT Bo	mbay – M	00C	Manda	tory Onli	ine		
			TOTAL	30	21	-	175	525	700		
			Grand Total	180	140	-			4800		

PROGRAMME SPECIFIC OUTCOMES FOR B.Sc. PHYSICS On the completion of this program, the student will be able to

- PSO1: Explains fundamental principles and concepts in various branches of physics.
- PSO2: Use the concepts of physics to analyze and solve physical problems.
- PSO3: Coordinate the physics knowledge through observation.
- PSO4: Realize, develop an understanding of the impact of physics concepts and carry out independently in a real-life situation.
- PSO5: Students will develop proficiency in the acquisition of data using a variety of laboratory instruments and analyze, and interpret using relevant software and computers.
- PSO6: By performing experiments in the laboratories and interpreting findings to draw logical conclusions.
- PSO7: Discover new ideas in physics, synthesize critically and communicate in scientific forums.
- PSO8: Able to appear for competitive examinations with confidence and pursue continuously learning through MOOC, ODL and various learning platforms.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

(PSOs)				Progra	mme Ou	tcomes (F	Os)			
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	✓	-	✓	✓	✓	✓	-	✓
PSO2	✓	-	✓	-	✓	✓	✓	✓	✓	✓
PSO3	✓	✓	✓	✓	✓	✓	-	-	✓	-
PSO4	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
PSO5	✓	✓	✓	✓	✓	-	✓	✓	✓	✓
PSO6	✓	✓	✓	✓	✓	✓	-	-	✓	-
PSO7	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
PSO8	-	-	✓	✓	-	✓	-	✓	-	✓
		Nur	nber of M	atches = 6	52 , Corr	elation: \	ery High			

MAPPING CORRELATION BENCHMARK

Mapping	1-29%	30-59%	60-69%	70-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR B.Sc PHYSICS (For Students admitted from the academic year 2023-2024)										
Part	Category	Course Code	Course Title	Hrs./	Credit	Exam. Hrs.	CIA	ESE	TOTAL		
			SEMESTER I								
ı	Generic Elective Tamil/ Language (To choose 1 out of 4)	UCTATL11 UCURTL11 UCARTL11 UCHDTL11	Tamil I Urdu I Arabic I Hindi I	6	3	3	25	75	100		
п	English	UCENTL11	English I	4	3	3	25	75	100		
	Core Course 1	UCPYTC11	Properties of Matter and Acoustics	6	4	3	25	75	100		
III	Core Course 2	UCPYPC12	Physics Practical I	3	3	3	25	75	100		
	Elective 1	UCPYTA11	Allied Chemistry I	4	4	3	25	75	100		
	Skill Enhancement Course SEC1	UCPYPS11	Allied Chemistry Practical I	3	2	3	25	75	100		
IV	Foundation Course	UCPYTF11	Physics for Everyday Life	2	2	2	25	75	100		
	Ability Enhancement Compulsory Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100		
			TOTAL	30	23	-	200	600	800		
			SEMESTER II								
ı	Generic Elective Tamil/ Language (To choose 1 out of 4)	UCTATL21 UCURTL21 UCARTL21 UCHDTL21	Tamil II Urdu II Arabic II Hindi II	6	3	3	25	75	100		
П	English	UCENTL21	English II	4	3	3	25	75	100		
	Core Course 3	UCPYTC21	Heat, Thermodynamics and Statistical Physics	6	5	3	25	75	100		
Ш	Core Course 4	UCPYPC22	Physics Practical II	3	3	3	25	75	100		
	Elective 2	UCPYTA21	Allied Chemistry II	4	3	3	25	75	100		
	Skill Enhancement Course SEC2	UCPYPA21	Allied Chemistry Practical II	3	2	3	25	75	100		
IV	Skill Enhancement Course SEC3	UCPYTS21	Physics of Medical Instruments	2	2	2	25	75	100		
	Ability Enhancement Compulsory Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100		
			TOTAL	30	23	-	200	600	800		

			SEMESTER III						
		UCTATL31	Tamil III						
	Generic Elective Tamil/	UCURTL31	Urdu III						
1	Language (To choose 1 out	UCARTL31	Arabic III	6	3	3	25	75 100 75 100	
	of 4)	UCHDTL31	Hindi III						
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCPYTC31	Mechanics	5	4	3	25	75	100
Ш	Core Course 6	UCPYPC32	Physics Practical III	3	3	3	25	75	100
	Elective 3	UCPYTA31	Allied Mathematics I	5	3	3	25	75	100
	Skill Enhancement Course SEC4	UCPYPA31	Allied Mathematics Lab I	3	3	3	25	75	100
IV	Skill Enhancement Course SEC5 [Online Exam]	UCPYTS31	Energy Physics	1	1	2	25	75	100
	Ability Enhancement Compulsory Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
	EVS [Handled by Allied Dept]		Environmental Studies	1	-	-	-	-	-
			TOTAL	30	22	-	200	600	800

			SEMESTER IV						
		UCTATL41	Tamil IV						
	Generic Elective Tamil/	UCURTL41	Urdu IV						
'	I Language (To choose 1 out of 4)	UCARTL41	Arabic IV	6	3	3	25	75	100
		UCHDTL41	Hindi IV						
II	English	UCENTL41	English I	4	3	3	25	75	100
	Core Course 7	UCPYTC41	Optics and Laser Physics	5	4	3	25	75	100
III	III Core Course 8	UCPYPC42	Physics Practical IV	3	3	3	25	75	100
	Elective 4	UCPYTA41	Allied Mathematics II	4	4	3	25	75	100
	Skill Enhancement Course SEC6	UCPYPA41	Allied Mathematics Lab II	3	2	3	25	75	100
	Skill Enhancement Course SEC7	UCPYTS41	Home Electrical Installation	2	2	3	25	75	100
IV	Ability Enhancement Compulsory Course AEC4	UCCCSK41	Soft Skill IV	2	2	3	25	75	100

	EVS [Handled By Allied Dept.] [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
			TOTAL	30	25	-	225	675	900
			SEMESTER V						
	Core Course 9	UCPYTC51	Electricity, Magnetism and Electromagnetism	5	4	3	25	75	100
	Core Course 10	UCPYTC52	Atomic and Nuclear Physics	5	4	3	25	75	100
	Core Course 11	UCPYPJ61	Project with Viva – Voce	5	3	3	25	75	100
""	Core Course 12	UCPYPC51	General Physics Practical V	3	3	3	25	75	100
	Discipline Specific	UCPYPE51	Electronics Practical I	3	3	3	25	75	100
	Elective 1	UCPYTE51	Applied Electronics	5	4	3	25	75	100
	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/ Industrial Training (30 Hours)	UCPYIS01	Internship/Industrial Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800
			SEMESTER VI						
	Core Course 13	UCPYTC61	Quantum Mechanics	6	4	3	25	75	100
	Core Course 14	UCPYTC62	Solid State Physics	6	4	3	25	75	100
Ш	Core Course 15	UCPYPC61	Physics Practical VI	5	4	3	25	75	100
	Discipline	UCPYPC62	Electronics Practical II	5	3	3	25	75	100
	Specific Elective 2	UCPYTC53	Digital Electronics and Microprocessor 8085	6	4	3	25	75	100
IV	Professional Competency [Online Exam]	UCPYPC61	Physics for Competitive Examinations	2	2	3	25	75	100
v	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100
	SWAYAM / NAAM to be eligible for o		Online Spoken Tutorial by I degree]	T Boml	bay – MC	OOC [Ma	andatory	Online	Course
			TOTAL	30	21	-	200	600	700
			Grand Total	180	140	-	1200	3600	4800

PROGRAMME SPECIFIC OUTCOMES FOR B.Sc. CHEMISTRY

On successful completion of the Bachelor of Physics with Computer Applications programme, the student should be able to:

PSO1: Disciplinary Knowledge:

Understand the fundamental principles, concepts, and theories related to physics and computer science. Also, exhibit proficiency in performing experiments in the laboratory.

PSO2: Critical Thinking:

Analyse complex problems, evaluate information, synthesize information, apply theoretical concepts to practical situations, identify assumptions and biases, make informed decisions and communicate effectively

PSO3: Problem Solving:

Employ theoretical concepts and critical reasoning ability with physical, mathematical and technical skills to solve problems, acquire data, analyze their physical significance and explore new design possibilities.

PSO4: Analytical & Scientific Reasoning:

Apply scientific methods, collect and analyse data, test hypotheses, evaluate evidence, apply statistical techniques and use computational models.

PSO5: Research-related skills:

Formulate research questions, conduct literature reviews, design and execute research studies, communicate research findings and collaborate in research projects.

PSO6: Self-directed & Lifelong Learning:

Set learning goals, manage their learning, reflect on their learning, adapt to new contexts, seek out new knowledge, collaborate with others and continuously improve their skills and knowledge, through ongoing learning and professional development, and contribute to the growth and development of their field.

PROGRAMME-SPECIFIC OUTCOMES (PSO) ON COMPLETION OF THE B.SC CHEMISTRY PROGRAMME, THE STUDENTS WILL BE ABLE TO:

PSO1	Utilize his knowledge and interest after studying chemistry as a discipline by
	summarizing the basic facts and concepts learnt from theory and practical work.
PSO2	Apply principles, theories and techniques of the core subjects to another discipline.
PSO3	Apply the recent developments in chemistry to the welfare of nature and society.
PSO4	Get job opportunities as a chemist by his understanding of industrial process
P304	development and its applications.
PSO5	Pursue his higher education in various interdisciplinary subjects connected with
P303	technology and research.
PSO6	Handle chemicals, apparatus and instruments with proper analytical tools.
PSO7	Solve the problems arising out of industrial production and environmental pollution.
PSO8	Explore the knowledge of reactions, processes and their applications as an
P300	entrepreneur.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Program-				Pro	gram Ou	itcomes	(POs)					
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10		
PSO1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PSO2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PSO3	✓	✓	✓	✓	✓	✓	✓	✓		✓		
PSO4	✓	✓	✓	✓	✓	✓	✓	✓				
PSO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PSO6	✓	✓	✓	✓	✓	✓	✓	✓				
PSO7	✓	✓	✓	✓	✓	✓	✓	✓		✓		
PSO8	✓	✓	✓	✓	✓	✓	✓	✓		✓		
	Number of matches = 73, Correlation: Very High											

MAPPING CORRELATION BENCHMARK

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	(For		STRUCTURE FOR B.Sc. on the acader			3-202	4)		
Part	Category	Course Code	Course Title	Hrs./ Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
			SEMESTER I						
		UCTATL11	Tamil I						
	Generic Elective Tamil/	UCURTL11	Urdu I				25		400
ı	Language (To choose 1 out of 4)	UCARTL11	Arabic I	6	3	3	25	75	100
	,	UCHDTL11	Hindi I						
II	English	UCENTL11	English I	4	3	3	25	75	100
	Core Course 1	UCCHTC11	General Chemistry I	6	4	3	25	75	100
Ш	Core Course 2	UCCHPC12	Practical I - Quantitative Inorganic Estimation (Titrimetry) and Inorganic Preparations	3	3	3	25	75	100
	Elective 1	UCCHTA11	Allied Physics I	4	4	3	25	75	100
	Skill Enhancement Course SEC1	UCCHPS11	Allied Physics Practical I	3	2	3	25	75	100
IV	Foundation Course	UCCHTF11	Role of Chemistry in daily life	2	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
	<u> </u>	1	SEMESTER II						
		UCTATL21	Tamil II						
	Generic Elective Tamil/	UCURTL21	Urdu II				25		400
ı	Language (To choose 1 out of 4)	UCARTL21	Arabic II	6	3	3	25	75	100
	,	UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
Ш	Core Course 3	UCCHTC21	General Chemistry II	6	5	3	25	75	100

		T	Practical II –		1		1	1	
	Core Course 4	UCCHPC22	Qualitative Organic Analysis and Preparation of Organic Compound	3	3	3	25	75	100
	Elective 2	UCCHTA21	Allied Physics II	4	3	3	25	75	100
	Skill Enhancement Course SEC2	UCCHPS21	Allied Physics Practical II	3	2	3	25	75	100
IV	Skill Enhancement Course SEC3 [Allied Dept]	UCCHTS22	Diary Chemistry	2	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER III						
	Generic Elective	UCTATL31	Tamil III						
	Tamil/ Language	UCURTL31	Urdu III	6	3	3	25	75	100
	(To choose 1 out of 4)	UCARTL31	Arabic III					,,,	200
	•	UCHDTL31	Hindi III						
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCCHTC31	General Chemistry III	5	4	3	25	75	100
ш	Core Course 6	UCCHPC32	Practical III – Qualitative Inorganic Analysis	3	3	3	25	75	100
	Elective 3	UCCHTA31/ UCCHTA32	Allied Mathematics I/Allied Zoology I	5	4	3	25	75	100
	Skill Enhancement Course SEC4	UCCHPS31/ UCCHPS32	Allied Mathematics Practical I /Allied Zoology Practical I	3	2	3	25	75	100
IV	Skill Enhancement Course SEC5 [Allied Dept] [Online Exam]	UCCHTS31/ UCCHTS32	To be handled by Mathematics dept /Pesticide Chemistry (handled by Biotech. dept)	1	1	2	25	75	100
	EVS [Major Dept]		Environmental Studies	1	-	-	-		-
	Ability Enhancement Compulsory Course AEC3	UCPYTSS3	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	•	200	600	800

	SEMESTER IV									
Generic Elective Tamil/	UCTATL41	Tamil IV								
	UCURTL41	Urdu IV	6	3	3	25	75	100		
'	(To choose 1	UCARTL41	Arabic IV	6	3	3	25	/5	100	
	out of 4)	UCHDTL41	Hindi IV							
II	English	UCENTL41	English I	4	3	3	25	75	100	

	Core Course 7	UCCHTC41	General Chemistry IV	5	4	3	25	75	100
Ш	Core Course 8	UCCHPC42	Practical: Physical Chemistry I	3	3	3	25	75	100
	Elective 4	UCCHTA41/ UCCHTA42	Allied Mathematics II/Allied Zoology II	4	4	3	25	75	100
	Skill Enhancement Course SEC6	UCCHPA41/ UCCHPA42	Allied Mathematics Practical II/Allied Zoology Practical II	3	2	3	25	75	100
	Skill Enhancement Course SEC7 [Allied Dept]	UCCHTS41/ UCCHTS42	To be handled by Mathematics dept. / Forensic Science (handled by Biotech. dept.)	2	2	2	25	75	100
IV	EVS [Major Dept] [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC4	UCCCSK41	Soft Skill IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900
			SEMESTER V						
	Core Course 9	UCCHTC51	Organic Chemistry I	5	4	3	25	75	100
	Core Course 10	UCCHTC52	Inorganic Chemistry I	5	4	3	25	75	100
	Core Course 11	UCCHTC53	Physical Chemistry I	4	4	3	25	75	100
Ш	Core Course 12	UCCHPJ53	Project with Viva- Voce	5	4	3	25	75	100
	Discipline Specific Elective 1	UCCHTE55 / UCCHTE56	Industrial Chemistry/ Leather Chemistry Entrepreneurial Skills	4	4	3	25	75	100
	Discipline Specific Elective 2	UCCHTE57/ UCCHTE58	Pharmaceutical Chemistry/ Biochemistry	3	3	3	25	75	100
	VED [Online Course]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/Indu strial Training (30 Hours)	UCCHIS01	Internship/Industri al Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800
		1	SEMESTER VI						
	Core Course 13	UCCHTC61	Organic Chemistry II	6	4	3	25	75	100
	Core Course 14	UCCHTC62	Inorganic Chemistry II	6	4	3	25	75	100
	Core Course 15	UCCHPC54	Practical: Gravimetric Analysis	5	3	3	25	75	100
III	Discipline Specific Elective 3	UCCHTE63 / UCCHTE64	Physical Chemistry II / Nanoscience	6	3	3	25	75	100
	Discipline Specific Elective 4	UCCHTE65 / UCCHTE66	Fundamentals of Spectroscopy/ Polymer Science	5	3	3	25	75	100
IV	Professional Competency [Online Exam]	UCCHPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100

V	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100	
	SWAYAM / NAAN MUDHALVAN/Online Spoken Tutorial by IIT Bombay – MOOC [Mandatory Online Course to be eligible for obtaining the UG degree]									
			TOTAL	30	21	-	175	525	700	
			Grand Total	180	140	-			4800	

PROGRAMME OUTCOMES FOR B.Sc. BIOCHEMISTRY & BIOTECHNOLOGY

PROGRAMME OUTCOMES:

PO1: Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate Programme of study

PO2: Communication Skills: Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information clearly and concisely to different groups.

PO3: Critical thinking: Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, and beliefs based on empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following a scientific approach to knowledge development.

PO4: Problem-solving: Capacity to extrapolate from what one has learned and apply competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real-life situations.

POS: Analytical reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and address opposing viewpoints.

PO6: Research-related skills: A sense of inquiry and capability for asking relevant/appropriate questions, problem arising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation

PO7: Cooperation/Teamwork: Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team

PO8: Scientific reasoning: Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.

PO9: Reflective thinking: Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.

PO10 Information/digital literacy: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

PROGRAMME SPECIFIC OUT COMES FOR B.Sc. BIOCHEMISTRY

PROGRAMME-SPECIFIC OUTCOMES FOR B.SC. BIOCHEMISTRY ON THE COMPLETION OF THIS PROGRAM THE STUDENT WILL BE ABLE TO

PSO1-Comprehend the knowledge in the biochemical, analytical, biostatistical and computational areas. PSO2-Understand the fundamental biochemical principles such as the structure-function relationship of Biomolecules/metabolic pathways with their clinical correlation.

PSO3- Demonstrate an understanding of the principle and have practical experience with the analytical techniques in life science.

PSO4- Analyse biochemical data (eg: enzyme kinetics, molecular structure analysis and biological databases), use of software and ICT tools.

PSO5- Explain the biochemical process that underlines the relationship between phenotype and genotype, the structural organization of genetic material, their experience and control.

PSO6- Acquire lifelong self-learning habits through online courses, and the ability to plan and manage projects to achieve the objectives.

PSO7- Develop ethical and moral values in the profession, environmental and social responsibilities, and multi-level commitment to health and well-being.

PSO8- Appreciate and execute their professional roles in society as biochemistry professionals, employers and employees in various industries, researchers and educators.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES FOR B.Sc BIOCHEMISTRY

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	√	✓	✓	✓		✓		✓
PSO2	✓	✓				✓		✓		
PSO3	✓	✓	✓	✓	✓	✓		✓		
PSO4	✓	✓	✓	✓	✓	✓		✓		✓
PSO5	✓	✓	✓	✓		✓		✓		
PSO6		✓	✓	✓		✓		✓	✓	✓
PSO7			✓			✓	✓	✓	✓	
PSO8				✓	✓	✓	✓	✓	✓	

Mapping	61 – 70%
Matches	51
Correlation	High

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

			E STRUCTURE FOR B.Sc. Bloadmitted from the acaden			24)			
Part	Category	Course Code	Course Title	Hrs./ Week	Credit	Exam.	CIA	ESE	TOTAL
			SEMESTER I						
	Generic Elective	UCTATL11	Tamil I	-					
1	Tamil/ Language	UCURTL11	Urdu I	6	3	3	25	75	100
	(To choose 1	UCARTL11	Arabic I	_					
	out of 4)	UCHDTL11	Hindi I						
II	English	UCENTL11	English I	4	3	3	25	75	100
	Core Course 1	UCBITC11	Nutrition Biochemistry	6	4	3	25	75	100
Ш	Core Course 2	UCBIPC12	Nutrition Biochemistry Practical	3	3	3	25	75	100
	Elective 1	UCBITA11	Allied Chemistry I	4	4	3	25	75	100
	Skill Enhancement Course SEC1	UCBIPS11	Allied Chemistry Practical I	3	2	3	25	75	100
IV	Foundation Course	UCBITF11	Basics in Biochemistry	2	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER II					ı	
	Generic	UCTATL21	Tamil II	_					
	Elective Tamil/	UCURTL21	Urdu II						
1	Language	UCARTL21	Arabic II	6	3	3	25	75	100
	(To choose 1 out of 4)	UCHDTL21	Hindi II						
11	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCBITC21	Cell Biology	6	5	3	25	75	100
Ш	Core Course 4	UCBIPC22	Cell Biology Practical	3	3	3	25	75	100
	Elective 2	UCBITA21	Allied Chemistry II	4	3	3	25	75	100
	Skill Enhancement Course SEC2	UCBIPS21	Allied Chemistry Practical II	3	2	3	25	75	100
IV	Skill Enhancement Course SEC3 [Allied Dept]	UCBITS22	Health and Nutrition	2	2	2	25	75	100
	Ability Enhancement Compulsory	UCCCSS21	Soft Skill II	2	2	3	25	75	100
	Course AEC2								

			SEMESTER III						
	Generic	UCTATL31	Tamil III						
١,	Elective Tamil/	UCURTL31	Urdu III	6	3	3	25	75	100
	Language (To choose 1	UCARTL31	Arabic III				23	/3	100
	out of 4)	UCHDTL31	Hindi III						
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCBITC31	Biomolecules	5	4	3	25	75	100
Ш	Core Course 6	UCBIPC32	Biomolecules Practical	3	3	3	25	75	100
	Elective 3	UCBITA31	Allied Zoology I	5	3	3	25	75	100
	Skill Enhancement Course SEC4	UCBIPS31	Allied Zoology Practical I	3	3	3	25	75	100
IV	Skill Enhancement Course SEC5 [Allied Dept] [Online Exam]	UCBITS32	Tissue Culture	1	1	2	25	75	100
	EVS [Major Dept]		Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Compulsory Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800

			SEMESTER IV						
	Generic	UCTATL41	Tamil IV						
	Elective Tamil/	UCURTL41	Urdu IV	6	3	3	25	75	100
ı	Language (To choose 1 out of 4)	UCARTL41	Arabic IV	ь	3	3	25	/5	100
	out of 4)	UCHDTL41	Hindi IV						
П	English	UCENTL41	English I	4	3	3	25	75	100
	Core Course 7	UCBITC41	Biochemical Techniques	5	4	3	25	75	100
Ш	Core Course 8	UCBIPC42	Biochemical Techniques Practical	3	3	3	25	75	100
	Elective 4	UCBITA41	Allied Zoology II	4	4	3	25	75	100
	Skill Enhancement Course SEC6	UCBIPS41	Allied Zoology Practical II	3	2	3	25	75	100
IV	Skill Enhancement Course SEC7 [Allied Dept]	UCBITS42	Medical Coding	2	2	2	25	75	100
	EVS [Major Dept] [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement	UCCCSS41	Soft Skill IV	2	2	3	25	75	100

	Compulsory Course AEC4								
			TOTAL	30	25	-	225	675	900
			SEMESTER V						
	Core Course 9	UCBITC51	Enzymes	5	4	3	25	75	100
	Core Course 10	UCBITC53	Clinical Biochemistry	5	4	3	25	75	100
	Core Course 11	UCBIPC51	Clinical Biochemistry Practical	4	3	3	25	75	100
ш	Core Course 12	UCBIPJ51	Project with Viva-voce	5	4	3	25	75	100
	Discipline Specific	UCBITE51/ UCBITE52/	Immunology/Biochemic al Pharmacology	4	4	3	25	75	100
	Elective 1 Discipline Specific Elective 2	UCBITE53/ UCBITE54	Plant Biochemistry & Plant Therapeutic/Research Methodology	3	3	3	25	75	100
	VED [Online Exam]	UCVED501	Value Education	2	2	3	25	75	100
IV	Summer Internship/Indu strial Training (30 Hours)	UCBIIST1	Internship/Industrial Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800
			SEMESTER VI						
	Core Course 13	UCBITC61	Molecular Biology	6	4	3	25	75	100
	Core Course 14	UCBITC62	Human Physiology	6	4	3	25	75	100
	Core Course 15	UCBITC52	Intermediary Metabolism	6	4	3	25	75	100
	Discipline Specific Elective 3	UCBITE61/ UCBITE62/	Biotechnology/ Bioinformatics	5	3	3	25	75	100
	Discipline Specific Elective 4	UCBITE63/ UCBITE64	Bioentrepreneurship/B asics of Forensic Science	5	3	3	25	75	100
IV	Professional Competency	UCBIPC61	General Awareness for Competitive Examinations	2	2	3	25	75	100
v	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100
	SWAYAM / NAAM Course to be eligi		/Online Spoken Tutorial by II g the UG degree].	IT Bomba	ay – MO) DC	/landato	ry Online	9
			TOTAL	30	21	-	175	525	700
			Grand Total	180	140	-	1200	3600	4800

Programme Specific Outcomes FOR B.Sc. BIOTECHNOLOGY

Upon completion of the B.Sc Biotechnology programme, the students will be able to:

PSO1: Acquire sound and solid base in local as well as national languages and on the fundamental principles and the scientific theories related to various spheres of Biotechnology with technological applications.

PSO2: Apply biotechnology skills with global competencies in core and allied fields.

PSO3: Integrate technologies through inter-disciplinary concepts and suggest better solutions to solve issues of the underprivileged.

PSO4: Utilize ICT for learning and experimenting in pursuance of modern technology and concepts.

PSO5: Developing a variety of communication skills such as reading, listening, speaking, etc. helps to express ideas clearly and effectively.

PSO6: Conceive the concepts and research approaches to pursue higher studies/attain a higher career in industry, medicine and other relevant fields of biotechnology both locally and nationally and develop their scientific tempo.

PSO7: Become entrepreneurs and technologists with strong ethics and technical skills.

PSO8: Find out the bio-solutions for cross-cutting issues in a global, economic, environmental, and societal context.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme	Progran	nme Out	comes (Po	O)						
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	✓	✓			✓			
PSO2	✓	✓	✓		✓	✓	✓	✓		
PSO3	✓	✓	✓	✓	✓	✓		✓	✓	✓
PSO4	✓		✓		✓	✓			✓	
PSO5	✓	✓				✓			✓	
PSO6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO7		✓	✓	✓						✓
PSO8	✓	✓		✓	✓		✓	✓		✓
Number of mat	tches = 51	Correlat	ion · High	1						

MAPPING CORRELATION BENCHMARK

Mapping	1-25%	26-50%	51-75%	76-100%
Matches	1-20	21-40	41-60	61-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR B.Sc. BIOTECHNOLOGY (For Students admitted from the academic year 2023-2024)												
Part	Category	Course Code	Course Title	Hrs./	Week	Exam.	CIA	ESE	TOTAL				
	SEMESTER I												
		UCTATL11	Tamil I										
	Generic Elective Tamil/	UCURTL11	Urdu I										
1	Language (To choose 1 out of	UCARTL11	Arabic I	6	3	3	25	75	100				
	4)	Hindi I											
II	English	UCENTL11	English I	4	3	3	25	75	100				
III	Core Course 1	UCBTTC11	Cell and Molecular Development Biology	6	4	3	25	75	100				

	Core Course 2	UCBTPC12	Practical I: Cell and Molecular Development Biology	3	3	3	25	75	100
	Elective 1	UCBTTA11	- Allied –Biological Chemistry	4	4	3	25	75	100
	Skill Enhancement Course SEC1	UCBTPS11	Allied Practical I - Biological Chemistry	3	2	3	25	75	100
IV	Skill Enhancement Course I [Allied Dept]	UCBTTF11	Basics of Biotechnology	2	2	2	25	75	100
	Ability Enhancement Compulsory Course [Eng. Dept	UCCCSS11	Soft Skill I	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER II						
	Generic Elective	UCTATL21	Tamil II						
	Tamil/	UCURTL21	Urdu II	6	3	3	25	75	100
1	Language (To choose 1	UCARTL21	Arabic II		3	3	25	/5	100
	out of 4)	UCHDTL21	Hindi II						
п	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCBTTC21	Genetics	6	5	3	25	75	100
Ш	Core Course 4	UCBTPC22	Practical II: Genetics	3	3	3	25	75	100
	Elective 2	UCBTTA21	Allied - Fundamental of Microbiology	4	3	3	25	75	100
	Skill Enhancement Course SEC2	UCBTPS21	Allied Practical II - Fundamental of Microbiology	3	2	3	25	75	100
IV	Skill Enhancement Course SEC3 [Allied Dept]	UCBTTS22	Vermitechnology	2	2	2	25	75	100
	Ability Enhancement Compulsory Course [Eng. Dept]	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
			SEMESTER III						
	Generic	UCTATL31	Tamil III						
	Elective Tamil/	UCURTL31	Urdu III	6	3	3	25	75	100
ı	Language (To choose 1	UCARTL31	Arabic III						
	out of 4)	UCHDTL31	Hindi III						
II	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCBTTC31	Immunology and Immunotechnology	5	4	3	25	75	100
Ш	Core Course 6	UCBTPC32	Practical III - Immunology and Immunotechnology -	3	3	3	25	75	100

	Elective 3	UCBTTA31	Allied - Bioinstrumentation	5	3	3	25	75	100
	Skill Enhancement Course SEC4	UCBTPS31	Allied Practical III - Bioinstrumentation	3	2	3	25	75	100
IV	Skill Enhancement Course SEC5 [Allied Dept] [Online Exam]	UCBTTS32	Mushroom Cultivation	1	1	2	25	75	100
	EVS [Main Dept]		Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Compulsory Course [Eng. Dept]	UCCCSS31	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800

			SEMESTER IV						
	Generic	UCTATL41	Tamil IV						
١.	Elective Tamil/	UCURTL41	Urdu IV		3	3	25		100
'	Language (To choose 1 out of 4)	UCARTL41	Arabic IV	3	3	25	75	100	
	out of 4)	UCHDTL41 Hindi IV							
II	English	UCENTL41	English IV	4	3	3	25	75	100
	Core Course 7	UCBTTC41	Genetic Engineering and rDNA Technology	5	4	3	25	75	100
ш	Core Course 8	UCBTPC42	Practical IV: Genetic Engineering and rDNA Technology	3	3	3	25	75	100
	Elective 4	UCBTTA41	Allied – Bioinformatics and Biostatistics	4	4	3	25	75	100
	Skill Enhancement Course SEC6	UCBTPA41	Allied Practical IV – Bioinformatics and Biostatistics	3	2	3	25	75	100
	Skill Enhancement Course SEC7 [Allied Dept]	UCBTTS42	Organic Farming & Health Management	2	2	2	25	75	100
IV	EVS [Main Dept] [Online Exam]	UCENV301	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Compulsory Course [Eng. Dept]	UCCCSS41	Soft Skill IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900

			SEMESTER V						
	Core Course 9	UCBTTC51	Plant Biotechnology	5	4	3	25	75	100
	Core Course 10	UCBTTC52	Animal Biotechnology	5	4	3	25	75	100
	Core Course 11	UCBTPJ51	Project With Viva-voce	5	4	3	25	75	100
Ш	Core Course 12	UCBTPC51	Practical V: Plant Biotechnology, Animal Biotechnology and Environmental and Industrial Biotechnology	4	3	3	25	75	100
	Discipline Specific Elective 1	UCBTTE51/ UCBTTE52/	Nano Biotechnology/ Enzymology	4	4	3	25	75	100
	Discipline Specific Elective 2	UCBTTE53/ UCBTTE54/	Bioethics and Biosafety/ Cancer Biology	3	3	3	25	75	100
	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100
IV	Summer Internship/Indu strial Training (30 Hours)	UCBTIS01	Internship/Industrial Training	2	2	3	25	75	100
			TOTAL	30	26	-	200	600	800
			SEMESTER VI						
	Core Course 13	UCBTTC61	Bioentrepreneurship	6	4	3	25	75	100
	Core Course 14	UCBTTC62	Pharmaceutical Biotechnology	6	4	3	25	75	100
	Core Course 15	UCBTTC53	Environmental and Industrial Biotechnology	5	4	3	25	75	100
III	Discipline Specific Elective 3	UCBTTE61/ UCBTTE62/	Marine Biotechnology/ Food Technology	5	3	3	25	75	100
	Discipline Specific Elective 4	UCBTTE63/ UCBTTE64	Forensic Science/ Good Laboratory Practices	5	3	3	25	75	100
IV	Professional Competency [Online Exam]	UCBTPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100
v	Extension Activity	UCEXAC61	Extension Activity	_	1		25	75	100
	SWAYAM / NAAN to be eligible for o		Online Spoken Tutorial by IIT Bo degree]	ombay –	MOOC [Mai	ndatory (Online Co	ourse
			TOTAL	30	21	-	175	525	700
			Grand Total	180	140	-	1200	3600	4800

PROGRAMME OUTCOMES (POs) for B.Sc (COMPUTER SCIENCE), B.C.A AND DATA SCIENCE By the end of the programme, the students will be able to

PO1	Communicate in English, the ideas, findings, and results effectively through conversations, meetings, and reports, especially through digital means. Develop linguistic skills in one Indian/Regional language
PO2	Demonstrate knowledge of the concepts, principles, theories, and techniques of the domain and allied subject areas.
PO3	Synergise knowledge with Analytical & Experimental skills to systematically, create & run programs/carry out experiments/formulate & prove theories to enrich the body of knowledge
PO4	Synthesize learned knowledge and acquired skills to Identify and critically analyze pertinent problems in the relevant discipline using appropriate tools and techniques.
PO5	Exhibit potential to accomplish tasks independently or as a member or leader of a team
PO6	Utilize specialized instruments and equipment, Computers, Software, Internet, and other ICT tools to carry out experiments
PO7	Demonstrate knowledge and scientific understanding to design experiments, use appropriate methodologies, analyze and interpret data and provide solutions, and Exhibit organizational skills, and the ability to manage time and resources.
PO8	Create Compounds/Products/Software or Design experiments and/or collaborate to help Society in building a Sustainable Environment
PO9	Discover a passion for Lifelong Learning through MOOCs, ODL, and Self -Learning techniques through optimum use of ICT
PO10	Identify and assess various issues in Environment and suggest measures to overcome them. Exhibit Ethics and Values in professional, Social, and Personal spheres of life, caring for the underprivileged, leading to a better sustainable future

PROGRAMME SPECIFIC OUTCOMES (PSOs) for B.Sc (Computer Science) By the end of the programme, the students will be able to

PSO1	Computational Ability: Implementing fundamentals of computing, computing specialization
	and domain knowledge suitable for job placement.
PSO2	Problem Analysis: Identity, formulate and analyze complex real-life problems in terms of
P302	mathematical modelling and computer science.
PSO3	Design /Development of solutions: Design algorithms for complex, real-world problems
P303	through computing systems, components or processes.
DCO4	Investigate Problems: Ability to analyze and investigate complex computing problems through
PSO4	design of experiments, analysis and interpretation of data.
PSO5	Tool usage: Create, select, modify and apply appropriate technologies and tools to a wide
P3U3	range of computational activities within their limitations
PSO6	Professional ethics: Ability to perform professional practices ethically, keeping in mind cyber
P306	regulations & laws.
DC 0.7	Self-learning: Ability to engage in independent learning for continuous self-development as a
PSO7	computing professional.
PSO8	Communication: Ability to effectively communicate with the technical community
PSO 9	Individual and Teamwork: Ability to work in a hierarchical team both as a member and leader.
DCO 10	Innovation and entrepreneurship: Ability to apply innovative ideas to become an
PSO 10	entrepreneur.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme					Progra	mme Oı	utcomes (P	Os)		
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓			✓	✓	✓			
PSO2	✓		✓	✓	✓		✓			
PSO3	✓	✓	✓	✓			✓			
PSO4	✓	✓	✓	✓			✓	✓	✓	
PSO5	✓				✓	✓	✓	✓		
PSO6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO7	✓		✓	✓	✓	✓	✓	✓	✓	
PSO8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO9	✓				✓	✓		✓	✓	
PSO10	✓				✓	✓	✓	✓	✓	✓

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	_		JCTURE FOR B.Sc. CONnitted from the acade								
Part	Category	Course Code	Course Title	Hrs./	Credit	Exam. Hrs.	CIA	ESE	TOTAL		
			SEMESTER I								
	UCTATL11 Tamil I										
١.	Generic Elective Tamil/ Language	UCURTL11	Urdu I	6	3	3	25	7.	100		
1	(To choose 1 out of 4)	UCARTL11	Arabic I		3	3	25	75	100		
		UCHDTL11	Hindi I								
II	English	UCENTL11	English I	4	3	3	25	75	100		
	Core Course 1	UCCSTC11	Python Programming	5	4	3	25	75	100		
III	Core Course 2	UCCSPC12	Python Programming Lab	3	3	3	25	75	100		
	Elective 1	UCCSTA11	Allied - Numerical Methods I	5	3	3	25	75	100		
	Skill Enhancement Course SEC1	UCCSPS11	Computational Mathematics Lab I	3	2	3	25	75	100		
IV	Foundation Course	UCCSPF11	Problem-Solving Technique Lab	2	2	2	25	75	100		
IV	Ability Enhancement Compulsory Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100		
			TOTAL	30	23	-	200	600	800		

			SEMESTER II									
	Generic	UCTATL21	Tamil II									
	Elective Tamil/	UCURTL21	Urdu II									
ı	Language (To choose 1	UCARTL21	Arabic II	6	3	3	25	75	100			
	out of 4)	UCHDTL21	Hindi II			3 3 25 75 3 3 25 75 3 3 25 75 3 3 25 75 2 3 25 75 2 2 2 25 75 2 3 25 75 2 3 25 75 3 3 25 75 3 3 25 75 4 3 25 75 3 3 25 75 3 3 25 75 4 3 25 75 3 3 25 75 3 3 25 75 4 3 25 75 3 3 25 75 4 3 25 75 3 3 25 75 4 3 25 75 3 3 25 75						
П	English	UCENTL21	English II	4	3	3	25	75	100			
	Core Course 3	UCCSTC21	Data Structure and Algorithms	5	5	3	25	75	100			
	Core Course 4	UCCSPC22	Data Structure and Algorithms Lab II	3	3	3	25	75	100			
Ш	Elective 2	UCCSTA21	Allied - Numerical Methods - II	5	3	3	25	75	100			
	Skill Enhancement Course SEC2	UCCSPS21	Computational Mathematics Lab II	3	2	3	25	75	100			
IV	Skill Enhancement Course SEC3 [Foundation Course – Major Dept]	UCCSPS22	Office Automation Lab	2	2	2	25	75	100			
	Ability Enhancement Compulsory Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100			
			TOTAL	30	23	-	200	600	800			
	SEMESTER III											
	Generic Elective	UCTATL31	Tamil III									
	Tamil/	UCURTL31	Urdu III									
ı	Language (To choose 1 out	UCARTL31	Arabic III	6	3	3	25	75	100			
	of 4)	UCHDTL31	Hindi III									
II	English	UCENTL31	English III	4	3	3	25	75	100			
	Core Course 5	UCCSTC31	Microprocessor and Microcontroller	5	4	3	25	75	100			
	Course 5 Course 6	UCCSPC32	Microprocessor and Microcontroller Lab III	3	3	3	25	75	100			
	Elective 3	UCCSTA31	Statistical Methods and their Applications I	5	3	3	25	75	100			
	Skill Enhancement Course SEC4	UCCSPS31	Statistical Methods and its Application Lab -I	3	3	3	25	75	100			
IV	Skill Enhancement Course SEC5 [Major Dept] [Online Exam]	UCCSTS32	Fundamentals of Information Technology	1	1	2	25	75	100			
	EVS [Allied Dept]	-	Environmental Studies	1	-	-	-	-	-			
		1	1									
	Ability Enhancement Compulsory Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100			

			SEMESTER IV								
		UCTATL41	Tamil IV								
_	Generic Elective Tamil/	UCURTL41	Urdu IV	_		3 25 3 25 3 25 2 25 2 25 3 25 3 25 3 25					
1	Language (To choose 1 out of 4)	UCARTL41	Arabic IV	6	3	3	25	75	100		
		UCHDTL41	Hindi IV								
П	English	UCENTL41	English IV	4	3	3	25	75	100		
	Core Course 7	UCCSTC41	Java Programming	5	4	3	25	75	100		
Ш	Core Course 8	UCCSPC42	Java Programming Lab IV	3	3	3	25	75	100		
	Elective 4	UCCSTA41	Statistical Methods and its Application II	4	4	3	25	75	100		
	Skill Enhancement Course SEC6	UCCSPS41	Statistical Methods and its Application Lab -II	3	2	3	25	75	100		
IV	Skill Enhancement Course 4 [Major Dept]	UCCSTS42	PHP Programming/Introdu ction to HTML	2	2	2	25	75	100		
"	EVS [Allied Dept] [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100		
	Ability Enhancement Compulsory Course AEC4	UCCCSS41	Soft Skill IV	2	2	3	25	75	100		
_	SEMESTER V 25 - 225 675 900										
			SEMESTER V	30	25	-	225	675	900		
	Core Course 9	UCCSTC51		5	4	I		75	100		
		UCCSTC51 UCCSTC52	SEMESTER V			3	25				
	Course 9 Core		SEMESTER V Software Engineering Database	5	4	3	25 25	75	100		
III	Course 9 Core Course 10 Core	UCCSTC52	SEMESTER V Software Engineering Database management System Database Management System	5	4	3 3	25 25 25	75 75	100		
III	Course 9 Core Course 10 Core Course 11 Core	UCCSTC52 UCCSPC53	SEMESTER V Software Engineering Database management System Database Management System Lab V	5 5 4	4 4	3 3 3	25 25 25 25	75 75 75	100		
III	Course 9 Core Course 10 Core Course 11 Core Course 12 Discipline Specific	UCCSPC53 UCCSPJ51 UCCSTE51/	SEMESTER V Software Engineering Database management System Database Management System Lab V Project with Viva Voce 1. Artificial Intelligence 2. Robotics and its	5 5 4 5	4 4 4	3 3 3 3	25 25 25 25 25 25	75 75 75 75	100 100 100		
III	Course 9 Core Course 10 Core Course 11 Core Course 12 Discipline Specific Elective 1 Discipline Specific	UCCSTC52 UCCSPC53 UCCSPJ51 UCCSTE51/ UCCSTE52/ UCCSTE53/	SEMESTER V Software Engineering Database management System Database Management System Lab V Project with Viva Voce 1. Artificial Intelligence 2. Robotics and its Applications 1. Introduction to Data Science 2. Computational	5 5 4 5	4 4 4 4	3 3 3 3	25 25 25 25 25 25	75 75 75 75 75	100 100 100 100		
	Course 9 Core Course 10 Core Course 11 Core Course 12 Discipline Specific Elective 1 Discipline Specific Elective 2	UCCSTC52 UCCSPC53 UCCSPJ51 UCCSTE51/ UCCSTE52/ UCCSTE53/ UCCSTE54/	SEMESTER V Software Engineering Database management System Database Management System Lab V Project with Viva Voce 1. Artificial Intelligence 2. Robotics and its Applications 1. Introduction to Data Science 2. Computational Intelligence	5 5 4 5	4 4 4 4 3	3 3 3 3	25 25 25 25 25 25 25	75 75 75 75 75 75	100 100 100 100 100		

			SEMESTER VI						
	Core Course 13	UCCSTC61	.NET Programming	6	4	3	25	75	100
	Core Course 14	UCCSPA62	.NET Programming Lab VI	6	4	3	25	75	100
	Core Course 15	UCCSTC54	Computer Networks	4	3	3	25	75	100
III	Discipline Specific Elective 3	UCCSTE61/ UCCSTE62/	Mobile Application Development Machine Learning	5	3	3	25	75	100
	Discipline Specific Elective 4	UCCSPE63/ UCCSPE64	Mobile Application Development Lab Machine Learning Lab	5	3	3	25	75	100
IV	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100
v	Professional Competency [Online Exam]	UCCSPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100
	SWAYAM / NAAN Course to be eligible		Online Spoken Tutorial by the UG degree.	y IIT Bo	mbay –	МОС	OC [Mand	latory O	nline
			TOTAL	30	21	-	175	525	700
			Grand Total	180	140	-	1200	3600	4800

PROGRAMME SPECIFIC OUTCOMES (PSOs) for B.C.A By the end of the programme, the students will be able to

PSO1	Computational Ability: Implementing fundamentals of computing, computing specialization and domain knowledge suitable for job placement.
	, , ,
PSO2	Problem Analysis: Identity, formulate and analyze complex real-life problems in terms
F302	of mathematical modelling and computer science.
	Design /Development of solutions: Design algorithms for complex, real-world problems
PSO3	through computing systems, components or processes.
	through computing systems, components or processes.
	Investigate Problems: Ability to analyze and investigate complex computing problems
PSO4	through design of experiments, analysis and interpretation of data.
PSO5	Exploration: Ability to explore the stored data to bring out valuable information.
P3U3	
PSO6	Professional ethics: Ability to perform professional practices ethically, keeping in mind
F300	cyber regulations & laws.
	Self-learning: Ability to engage in independent learning for continuous self-
PSO7	development as a computing professional.
	1 01
PSO8	Communication: Ability to effectively communicate with the technical community
PSO 9	Individual and Teamwork: Ability to work in a hierarchical team both as a member and
F30 9	leader.
	Innovation and entrepreneurship: Ability to apply innovative ideas to become an
PSO 10	, , , , , ,
	entrepreneur.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme				F	rogram	me Out	comes (PO:	s)		
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓			✓	✓	✓			
PSO2	✓		✓	✓	✓		✓			
PSO3	✓	✓	✓	✓			✓			
PSO4	✓	✓	✓	✓			✓	✓	✓	
PSO5	✓				✓	✓	✓	✓		
PSO6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO7	✓		✓	✓	✓	✓	✓	✓	✓	
PSO8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO9	✓				✓	✓		✓	✓	
PSO10	✓				✓	✓	✓	✓	✓	✓

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR B.C.A. (For Students admitted from the academic year 2023-2024)											
Part	Category	Course Code	Course Title	Hrs./ Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL			
	SEMESTER I											
ı	Generic Elective Tamil/ Language (To choose 1 out of 4)	UCTATL11 UCURTL11 UCARTL11 UCHDTL11	Tamil I Urdu I Arabic I Hindi I	. 6	3	3	25	75	100			
П	English	UCENTL11	English I	4	3	3	25	75	100			
	Core Course 1	UCBCTC11	Python Programming	5	4	3	25	75	100			
ш	Core Course 2	UCBCPC12	Python Programming Lab	3	3	3	25	75	100			
	Elective 1	UCBCTA11	Allied - Statistical Methods and Applications - I	5	4	3	25	75	100			
	Skill Enhancement Course SEC1	UCBCPS11	Computational Mathematics Lab I	3	2	3	25	75	100			
IV	Foundation Course	UCBCPF11	Structured Programming in C Lab	2	2	2	25	75	100			
Ab Enl Cor	Ability Enhancement Compulsory Course AEC1	UCCCSS11	Soft Skill I	2	2	3	25	75	100			
			TOTAL	30	23	-	200	600	800			

			SEMESTER II						
		UCTATL21	Tamil II						
	Generic Elective Tamil/	UCURTL21	Urdu II						
'	Language (To choose 1 out of 4)	UCARTL21	Arabic II	6	3	3	25	75	100
		UCHDTL21	Hindi II						
II	English	UCENTL21	English II	4	3	3	25	75	100
	Core Course 3	UCBCTC21	Object-Oriented Programming Concepts Using C++	5	5	3	25	75	100
Ш	Core Course 4	UCBCPC22	Object-Oriented Programming Concepts Using C++ Lab	3	3	3	25	75	100
	Elective 2	UCBCTA21	Allied - Statistical Methods and Applications - II	5	3	3	25	75	100
	Skill Enhancement Course SEC2	UCBCPS21	Computational Mathematics Lab II	3	2	3	25	75	100
IV	Skill Enhancement Course SEC3	UCBCPS22	Office Automation Lab	2	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75	100
			TOTAL	30	23	-	200	600	800
	l .	1	SEMESTER III						
		UCTATL31	Tamil III						
,	Generic Elective Tamil/ Language	UCURTL31	Urdu III	6	3	3	25	75	100
Ι'	(To choose 1 out of 4)	UCARTL31	Arabic III				23	/3	100
	•	UCHDTL31	Hindi III						
П	English	UCENTL31	English III	4	3	3	25	75	100
	Core Course 5	UCBCTC31	Data Structures and Algorithms	5	4	3	25	75	100
ш	Core Course 6	UCBCPC32	Data Structures and Algorithms Lab	3	3	3	25	75	100
	Elective 3	UCBCTA31	Financial Accounting	5	3	3	25	75	100
	Skill Enhancement Course SEC4	UCBCPS31	Financial Accounting Lab	3	3	3	25	75	100
IV	Skill Enhancement Course SEC5 [Major Dept] [Online Exam]	UCBCTS32	Fundamentals of Information Technology	1	1	2	25	75	100
	EVS [Allied Dept]		Environmental Studies	1	-	-	-	-	-

Ability Enhancement Compulsory Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
		TOTAL	30	22		225	675	800

			SEMESTER IV						
		UCTATL41	Tamil IV						
	Generic Elective Tamil/ Language	UCURTL41	Urdu IV	6	3	3	25	75	100
1	(To choose 1 out of 4)	UCARTL41	Arabic IV			3	23	/3	100
		UCHDTL41	Hindi IV						
П	English	UCENTL41	English IV	4	3	3	25	75	100
	Core Course 7	UCBCTC41	Programming in Java	5	4	3	25	75	100
	Core Course 8	UCBCPC42	Programming in Java Lab	3	3	3	25	75	100
"	Elective 4	UCBCTA41	Cost and Management Accounting	4	4	3	25	75	100
	Skill Enhancement Course SEC6	UCBCPS41	Cost and Management Accounting - Lab	3	2	3	25	75	100
IV	Skill Enhancement Course SEC7 [Major Dept]	UCCCTS42	PHP Programming/Intr oduction to HTML	2	1	2	25	75	100
IV	EVS [Allied Dept] [Online Exam]	UCENV401	Environmental Studies	1	2	2	25	75	100
	Ability Enhancement Compulsory Course AEC4	UCCCSS41	Soft Skill IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900
		1	SEMESTER V						
	Core Course 9	UCBCTC51	Operating System	5	4	3	25	75	100
	Core Course 10	UCBCTC52	ASP.Net Programming	5	4	3	25	75	100
	Core Course 11	UCBCPC53	ASP.Net Programming Lab V	5	4	3	25	75	100
	Core Course 12	UCBCPJ51	Project with Viva - Voce	6	4	3	25	75	100
III	Discipline Specific Elective 1	UCBCTE51/ UCBCTE52/	1. Database Management System 2. Image Processing	4	4	3	25	75	100
	Discipline Specific Elective 2	UCBCTE53/ UCBCTE54/	1. Software Project Management 2. Computational Intelligence	3	3	3	25	75	100

	VED [Online Exam]	UCVED501	Value Education	2	2	2	25	75	100		
IV	Summer Internship/Indust rial Training (30 Hours)	UCBCIS01	Internship/Industri al Training	2	2	3	25	75	100		
			TOTAL	30	26	-	200	600	800		
	SEMESTER VI										
	Core Course 13	UCCCTC61	Data Analytics using R Programming	6	4	3	25	75	100		
	Core Course 14	UCBCPC62	R Programming Lab	6	4	3	25	75	100		
	Core Course 15	UCBCTC63	Computer Networks	4	3	3	25	75	100		
Ш	Discipline Specific Elective 3	UCBCTD61/ UCBCTD62/	1. Artificial Intelligence 2. Information Security	5	3	3	25	75	100		
	Discipline Specific Elective 4	UCBCTD63/ UCBCTD64	1. Analytics for Service Industry 2. Software Metrics	5	3	3	25	75	100		
	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100		
IV	Professional Competency [Online Exam]	UCBCPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100		
	SWAYAM / NAAN Course to be eligib		nline Spoken Tutorial the UG degree]	by IIT B	ombay ·	– MC	OC [Mar	ndatory O	nline		
			TOTAL	30	21	-	175	525	700		
			Grand Total	180	140	•	1200	3600	4800		

PROGRAM SPECIFIC OUTCOMES (PSOS)- BSC(DATA SCIENCE) By the end of the program, students will be able to

PSO1	Exhibit good domain knowledge and completes the assigned responsibilities Effectively and efficiently on par with the expected quality standards.
PSO2	Apply analytical and critical thinking to identify, formulate, analyze, and solve complex problems to reach authenticated conclusions
PSO3	Design and develop solutions for complex problems with specified needs through appropriate consideration and accuracy.
PSO4	Establish the ability to Listen, read, proficiently communicate and articulate Complex ideas concerning the needs and abilities of diverse audiences.
PSO5	Deliver innovative ideas to instigate new business ventures and possess the qualities Of a good entrepreneur
PSO6	Acquire the qualities of a good leader and engage in efficient decision-making.
PSO7	Graduates will be able to undertake any responsibility as an individual/member of Multidisciplinary teams and have an understanding of team leadership
PSO8	Function as a socially responsible individual with ethical values and accountability to ethically validate any actions or decisions before proceeding and actively contribute to societal concerns.

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PSO9	Identify and address own educational needs in a changing world in ways sufficient to Maintain competence and to allow them to contribute to the advancement of knowledge
PSO10	Demonstrate knowledge and understanding of management principles and apply these to one own work to manage projects in a multidisciplinary environment.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme	Programme Outcomes (POs)										
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
PSO1	✓	✓			✓	✓	✓				
PSO2	✓		✓	✓	✓						
PSO3	✓	✓	✓	✓							
PSO4	✓	✓	✓	✓				✓			
PSO5	✓				✓	✓	✓	✓			
PSO6	✓	✓	✓	✓	✓	✓		✓		✓	
PSO7	✓		✓	✓	✓	✓	✓	✓			
PSO8	✓	✓	✓	✓	✓	✓	✓	✓		✓	
PSO9	✓					✓					
PSO10	✓					✓	✓	✓		✓	

	Mapping	1-30%	31-60%	61-70%	71-100%
	Matches	1-24	25-50	51-56	57-80
Г	Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR DATA SCIENCE (For Students admitted from the academic year 2023-2024)											
Part	Category	Course Code	Course Title	Hrs./ Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL			
	SEMESTER I											
	Generic Elective Tamil/	UCTATL11	Tamil I		3	3	25	75				
١.		UCURTL11	Urdu I						100			
'	(To choose 1	UCARTL11	Arabic I	6			25	/5	100			
	out of 4)	UCHDTL11	Hindi I									
II	English	UCENTL11	English I	4	3	3	25	75	100			
	Core Course 1	UCDSTC11	Python Programming	5	4	3	25	75	100			
	Core Course 2	UCDSPC12	Python Programming Lab	3	3	3	25	75	100			
III	Elective 1	UCDSTA11	Allied - Statistical Methods and Applications I	5	4	3	25	75	100			

	Skill Enhancement Course SEC1	UCDSPS11	Computational Mathematics Lab I	3	2	3	25	75	100				
ıv	Foundation	UCDSTF11	Problem-Solving	2	2	3	25	75	100				
	Course Ability Enhancement Compulsory Course AEC1	UCCCSS11	Technique Lab Soft Skill I	2	2	3	25	75	100				
	Course ALCI												
			TOTAL	30	23	-	200	600	800				
	SEMESTER II												
	Generic	UCTATL21	Tamil II										
	Elective Tamil/	UCURTL21	Urdu II	_									
1	Language (To choose 1 out of 4)	UCARTL21	Arabic II	6	3	3	25	75	100				
	04101.1	UCHDTL21	Hindi II										
Ш	English	UCENTL21	English II	4	3	3	25	75	100				
	Core Course 3	UCDSTC21	Data Structure and Algorithms	5	5	3	25	75	100				
Ш	Core Course 4	UCDSPC22	Data Structure and Algorithms Lab	3	3	3	25	75	100				
	Elective 2	UCDSTA21	Allied - Statistical Methods and Applications II	5	3	3	25	75	100				
	Skill Enhancement Course SEC2	UCDSPS21	Computational Mathematics Lab II	3	2	3	25	75	100				
IV	Skill Enhancement Course SEC3	UCDSPS22	Office Automation Lab	2	2	2	25	75	100				
	Ability Enhancement Compulsory Course AEC2	UCCCSS21	Soft Skill II	2	2	3	25	75 75 75 75 75 75	100				
			TOTAL	30	23	-	200	600	800				
		•	SEMESTER III										
	Generic	UCTATL31	Tamil III										
١,	Elective Tamil/	UCURTL31	Urdu III	6	3	3	25	75	100				
'	(To choose 1	UCARTL31	Arabic III		3	3	25	/5	100				
	out of 4)	UCHDTL31	Hindi III										
II	English	UCENTL31	English III	4	3	3	25	75	100				
	Core Course 5	UCDSTC31	Data Science	5	4	3	25	75	100				
Ш	Core Course 6	UCDSPC32	Data Science Lab	3	3	3	25	75	100				
	Elective 3	UCDSTA31	Discrete Mathematics I	5	3	3	25	75	100				
IV	Skill Enhancement Course SEC4	UCDSPS31	Discrete Mathematics I Lab.	3	3	3	25	75	100				

	Skill Enhancement Course SEC5 [Major Dept] [Online Exam]	UCDSTS32	Multimedia Systems	1	1	2	25	75	100
	EVS		Environmental Studies	1	-	-	-	-	-
	Ability Enhancement Compulsory Course AEC3	UCCCSS31	Soft Skill III	2	2	3	25	75	100
			TOTAL	30	22	-	200	600	800

			SEMESTER IV						
	Generic	UCTATL41	Tamil IV						
	Tamil/	UCURTL41	Urdu IV	_	,	,	25	75	100
ı	Generic Elective UCIATL41 Tamil IV	UCARTL41	Arabic IV	0	3	3	25	/5	100
П	English	UCENTL41	English IV	4	3	3	25	75	100
	Core Course 7	UCDSTC41	Programming with Java	5	4	3	25	75	100
ш	Core Course 8	UCDSPC42	Programming with	3	3	3	25	75	100
	Elective 4	UCCCTA41		4	4	3	25	75	100
	Enhancement	UCCCPS41		3	2	3	25	75	100
	Enhancement	UCDSTS41	Web Technology	2	2	3	25	75	100
IV	EVS [Eng. Dept]	UCENV401		1	2	2	25	75	100
	Enhancement Compulsory	UCCCSS41	Soft Skill IV	2	2	3	25	75	100
			TOTAL	30	25	-	225	675	900
			SEMESTER V						
	Core Course 9	UCDSTC51	Management	5	4	3	25	75	100
		UCDSPC52		5	4	3	25	75	100
"		UCDSTC53	Machine Learning	5	4	3	25	75	100
		UCDSTA63	Artificial Intelligence	4	3	3	25	75	100

	Discipline Specific Elective 1	UCDSTE51/ UCDSTE52/	Data Mining & Warehousing / Cyber Forensics	4	4	3	25	75	100				
	Discipline Specific Elective 2	UCDSTE53/ UCDSTE54/	Software Testing / Network Security	3	3	3	25	75	100				
IV	VED	UCVED501	Value Education	2	2	2	25	75	100				
IV	Summer Internship/Indu strial Training (30 Hours)	UCDSIS01	Internship/Industrial Training	2	2	3	25	75	100				
			TOTAL	30	26	-	200	600	800				
	SEMESTER VI												
	Core Course 13	UCDSTC61	IoT and Cloud Technologies	6	4	3	25	75	100				
	Core Course 14	UCDSTC62	IoT and Cloud Technologies –Lab VI	6	4	3	25	75	100				
	Core Course 15	UCDSPJ61	Project with Viva Voce	6	4	3	25	75	100				
Ш	Discipline Specific Elective 3	UCDSTD61/ UCDSTD62/	Biometrics / Enterprise Resource Planning	5	3	3	25	75	100				
	Discipline Specific Elective 4	UCDSTD63/ UCDSTD64	Open Source Software Technologies / Qualitative Aptitude	5	3	3	25	75	100				
IV	Extension Activity	UCEXAC61	Extension Activity	-	1	-	25	75	100				
v	Professional Competency [Online Exam]	UCDSPC61	General Awareness for Competitive Examinations	2	2	2	25	75	100				
			I/Online Spoken Tutoria obtaining the UG degre		Bomba	y – M	1000	/landato	ry				
			TOTAL	30	21	-	175	525	700				
			Grand Total	180	140	-	1050	3250	4300				

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REGULATIONS POSTGRADUATE DEGREE PROGRAMMES (The Students Admitted from 2023-2024)

CBCS

Choice-Based Credit System is a Flexible System of Learning. Credit defines the quantum of content/syllabi prescribed for a course and determines the number of hours of instruction required. The distinguishing features of CBCS are the following:

It permits the students to:

- Choose electives from a wide range of elective courses offered by various departments of the college
- Undergo additional courses and acquire more than the required number of credits
- Adopt an interdisciplinary approach to learning
- Make the best use of the expertise of available faculty

1. Eligibility for Admission

A Student is eligible for admission to a Master's degree programme if he has successfully completed a three-year undergraduate degree awarded by any University recognized by the UGC in the same subject except for the following:

For M.A. History

Any three-year undergraduate degree holder is eligible

For M.Sc. Mathematics

UG degree in Mathematics/Statistics are eligible

For M.Sc. Biochemistry

UG degree in Chemistry / Biochemistry / Zoology / Biotechnology are eligible

For M.Sc. Biotechnology

UG degree in Zoology / Biochemistry / Chemistry / Botany/ Biotechnology / Microbiology are eligible

For M.Sc. Computer Science

UG degree in Computer Science / Software Computer Science / Computer Applications are eligible

For M.Com.

UG degree in Commerce / Corporate Secretaryship / Industrial Organization / Business Administration / B.Com.Computer Application / B.Com. Finance & Accounts / B.A. (Eco.) with two Account Courses are eligible.

For M.A. English Lit.

Any three-year UG Course with the English language in four semesters is eligible.

2. Cancellation of Admission

The admission is at the candidate's risk and is provisional, subject to the approval of Thiruvalluvar University. If for any reason, the admission is not approved, the candidate shall not hold the College responsible for it. If selected, in the event of leaving the College after admission but any time before completing the course, the fee for the residual period of the programme should be paid by the student as per the rules in force.

3. Eligibility for the Award of Degree

Students shall be eligible for the award of the Degree only if he has undergone the prescribed course of study in this College for a period of two academic years and passed the examinations of all the Four Semesters prescribed, earning 90 credits and fulfilling such conditions as have been prescribed therefore.

4. Duration

The duration of the course shall consist of 4 Semesters in two academic years.

- a. Each academic year shall be divided into two semesters. The first academic year shall comprise the first and second semesters, and the second academic year: the third and fourth semesters, respectively.
- b. The odd semesters shall consist of the period from June to November of each year and the even semesters from December to April of each year. There shall be at least 90 working days composed of 450 instructional hours for each semester.

5. Course of Study

The main subject of study for Master's degree courses shall consist of the following:

PART I: Core Courses, Discipline Centric Elective and Elective including Project.

PART II: Skill Enhancement Courses, Internship, Value Based Course

PART III: Extension activity

6. Project Work

It is considered a special course involving the application of knowledge in solving/analyzing/exploring real-life situations / difficult problems. The new CBCS provides an opportunity for postgraduate students to learn research components at this level. The project work would be 5 credits given in lieu of one discipline-specific paper in the final semester.

The duration of the project work is 90 hours within the College campus included in the timetable. If the project work requires fieldwork in the industry/data collection / national laboratories or any other reputed institute, the period for such work is assigned as two weeks. If the project work requires fieldwork during the working days of the college, no separate hours are to be earmarked in the final semester timetable.

Evaluation of the Project Work

The Project Work should be individual for PG students. Regarding the evaluation of the project work, the total mark is 100. It is divided into 75 marks for project evaluation and 25 marks for viva-voce examination. The marks for project work evaluation and viva-voce are to be awarded jointly by the internal examiner and the external examiner.

The external examiner is to be drawn from related faculty from affiliating University Departments / any affiliated college offering the respective postgraduate programme under the affiliating University.

7. INTERNSHIP/INDUSTRIAL TRAINING

Objectives:

- 1. To improve the employability of students pursuing postgraduate level in general degree Programme.
- 2. To focus on outcome-based learning in degree Programmes.
- 3. To promote active linkage between the higher education system and industry, non-commercial and commercial enterprise/ organisations.

Duration:

- The Internship/Industrial training during the first-year vacation will help the students gain valuable work experience, that connects classroom knowledge to real-world experience and to narrow down and focus on the career path.
- 2. The period of Internship/Industrial training shall be of 30 hours duration apart from the regular teaching hours.

- 3. Students may commence their Internship/Industrial training from the II Semester holidays onwards.
- 4. The spells of Internship/Industrial training shall be scheduled either continuously or at intervals depending upon the requirement and practicality of the discipline concerned.

Evaluation of the Internship/Industrial Training Report

Regarding the evaluation of the Internship/Industrial training project report and project with a viva-voce examination in the fifth semester, the total mark is 100. It is divided into 75 marks for project evaluation and 25 marks for the viva-voce examination. The marks for project work evaluation and viva-voce are to be awarded jointly by the internal examiner and the external examiner.

The external examiner is to be drawn from related faculty affiliating University Departments / any affiliated college within our University jurisdiction.

Credit Mechanism:

- 1. Credits for the apprenticeship/internship programme shall be included in the total credits of the entire programme.
- 2. Five (5) Credits for the degree programme should be assigned to internship / Industrial Training.

Programme	Duration	Credit	Tota	l Marks
Internship/Industrial Training	30 hours (Beyond Regular	5	Viva	Project Report
Report	Teaching hours)		25	75

Submission of Internship / Industrial Training Reports

The projects for the PG degree programme may be independent. The format for the title page, certificate by the project advisor, declaration by the candidate(s) and the certificate for internship training shall be in the format as prescribed by the Examination Cell. The project reports duly countersigned by the Head of the Department concerned and the Principal should be submitted to the office of the Controller of Examination within the specified date.

7. Continuous Internal Assessment [CIA] Test

The following assessment procedure will be followed for Internal Marks:

CIA Test I : Two / Three hours duration for 75 marks

CIA Test II : Three hours duration for 75 marks

Marks Distribution	Theory & Practical
CIA Test Marks 150 to be converted to	10 Marks
Library Usage in Hours	5 Marks
Assignment / Seminar / Observation	5 Marks
Attendance	5 Marks
TOTAL	25 Marks

Reg. No	Name	Test I - 75	Test II - 75	Total - 150	Marks converted to 10	Library Usage Min. 30 hours – 5	Assignment/ Seminar 5	Attendance - 5	Total for 25 (Rounded Off)

In the last column, any fraction may be rounded off to the nearest integer.

The marks for Attendance component in the Continuous Internal Assessment should be calculated as follows:

Attendance Earned	Category	Marks to be
		Awarded
90 % and Above	Highly Regular	5
75% but below 90%	Regular	4
65% but below 75%	Shortage	3
55% but below 65%	Detained	2
Below 55 %	Redo	0

8. Requirements for proceeding to Subsequent Semesters

- (i) Students shall register their names for the First Semester Examinations after admission to the P.G. Programme.
- (ii) Students shall be permitted to proceed from the First Semester up to Final Semester irrespective of the number of arrears in any of the End Semester Examinations.
- (iii) Students shall be eligible to go to subsequent semesters as per the attendance rules prescribed by the Governing Body of Islamiah College from time to time.

9. Requirement to take the End Semester Examinations

- The student will be permitted to take the University Examination for any Semester, if
 - he secures at least 75% of attendance out of the 90 instructional days / 450 instructional hours during the particular Semester.
 - he earns a progress Certificate from the Head of the Institution for having satisfactorily completed the Course of Study prescribed in the Subject as required by the Regulations, and
 - his conduct has been satisfactory.
- b) Students who have secured attendance less than 75% but 65% and above shall be permitted to take the Examination on the recommendation of the Head of the Department and approved by the Principal to condone the lack of attendance as well on the payment of the prescribed condonation fee to the College. Students will be permitted to appear for Practical examinations only if they have attended 75% of the practical classes. A Student who has secured attendance of less than 65% but 55% and above is detained for that particular semester. He / She will be permitted to write the examinations in the next Odd / Even Semester by paying the prescribed condonation fee.

The candidates who have an attendance of less than 55% are detained and they shall REDO the semester after completion of the programme and after getting re-admission that too at the sole discretion of the Principal. However, readmission will be allowed only once during the duration of the programme. Those who asked to redo the course can continue their studies without a break, but that particular semester after completing the programme by attending the special classes arranged by HOD concerned.

The REDO students who have already completed their CIA Test and Practical Examination with at least minimum qualifying marks may be exempted from reappearing for the CIA Test and Practical Examination again in the readmitted Semester. However, if any student wishes to improve upon his marks, he can appear for the CIA Test and Practical Examinations. In such a case, the original marks or the marks secured in the readmitted semester, whichever is higher, shall be taken as final marks

10. Passing Minimum

- a. There shall be no Passing Minimum for Internal Assessment.
- b. For End Semester Examinations, the minimum passing Letter Grade shall be "P" (Minimum 50 % of the maximum marks prescribed for the paper).
- c. In the aggregate (End Semester Examination + Internal) the minimum passing Letter Grade shall be "P" for each Paper / Practical / Project and Viva-voce.
- d. Final Grading shall be based on the overall Grade Points earned (Internal + External)

11. Grading System

The marks earned by a candidate in the Internal Assessment and End Semester Examinations for each of the courses will be added. The marks thus obtained will then be converted into Letter Grades and Grade points as per the details given below:

Range of	Letter	Grade
Marks	Grade	Points
96 – 100	0	10
86 – 95	A+	9
76 – 85	Α	8
66 – 75	B+	7
55 – 65	В	6
50 – 54	С	5
00 – 49	F	0
Absent	Ab	0

Illustration of SGPA

Semester	Course	Credit	Grade Letter	Grade Point	Credit Point [Credit x Grade]
	Course 1	5	A +	9	45
1	Course 2	5	Α	8	40
-	Course 3	4	0	10	40
	Course 4	4	Р	5	20
	Elective	4	В	6	24
	Total	22			169
	Course 1	5	Р	5	25
П	Course 2	5	B+	7	35
	Course 3	4	0	10	40
	Course 4	4	Α	8	32
	Elective	4	A+	9	36
	Total	22			168

Semester	Course	Credit	Grade	Grade Point	Credit Point
			Letter		[Credit x Grade]
	Course 1	5	A+	9	45
III	Course 2	5	0	10	50
	Course 3	4	В	6	24
	Course 4	4	В	6	24
	Elective	4	Р	5	20
	Total	22			163
	Course 1	5	0	10	50
IV	Course 2	5	Α	8	40
	Course 3	4	A+	9	36
	Course 4 / Project Work	4	B+	7	28
	Elective	4	Р	5	20
	Non Major Elective	2	0	10	20
	Total	24			194

For Example, the calculation of SGPA for the Four Semesters are calculated as follows:

$$SGPAI = \frac{169}{22} = 7.7$$

 $SGPAII = \frac{168}{22} = 7.6$
 $SGPAIII = \frac{163}{22} = 7.4$
 $SGPAIV = \frac{194}{24} = 8.1$

The CGPA for the PG degree is:

$$CGPA = \frac{169 + 168 + 163 + 194}{90} = \frac{694}{90} = 7.7$$

12. Classification of Successful Candidates

Successful candidates who passed all the specified courses in a programme are classified as follows:

Passed all the courses with CGPA **7.5** and above : First Class with without any arrear Distinction
Passed all the courses with CGPA **6 to 7.4** : First Class
Passed all the courses with CGPA **5.5 to 5.9** : Second Class

The total performance within a semester and continuous performance starting from the first semester are indicated respectively by Grade point Average (GPA) and Cumulative Grade point Average (CGPA). These two are calculated by the following formula.

$$GPA = \frac{\sum_{i} C_{i} G_{i}}{\sum_{i} C_{i}} = \frac{\text{Sum of the product of credits and grade points earned}}{\text{Sum of the credits of the courses in a Semester}}$$

$$CGPA = \frac{\sum_{n} \sum_{i} C_{ni} G_{ni}}{\sum_{n} \sum_{i} C_{ni}}$$

 $= \frac{\text{Sum of the product of the credits and grade points earned}}{\text{Sum of the credits for the entire programme}}$

Where C_i is the credit earned for the course i in any semester, G_i is the grade point obtained by the student for the course i and n is the number of courses passed in that semester.

CGPA is the GPA of all the courses starting from the first semester to the current semester.

13. The Medium of Instruction and Examinations

The medium of instruction and Question Paper shall be in English. The students having arrears in any semesters shall appear for such courses in the next End Semester Examinations.

14. Submission of Record Notebooks for Practical Examinations

Students taking the practical Examinations should submit Bonafide Record Note Books prescribed for the Practical Examinations. Otherwise, the candidates will not be permitted to take the Practical Examinations. However, in genuine cases, where students could not submit the record notebooks may be permitted to take the Practical Examinations provided the Head of the Department and the Course Teacher concerned certify that the candidate has performed the experiments prescribed for the course. For such candidates who do not submit Record Books, zero marks will be awarded for record notebooks in the Practical Examination concerned.

In case a candidate does not secure the prescribed passing minimum in the Practical Examination, the marks awarded for the Record Note Book at the time of first appearance for the Practical Examination should be made available by the Head of the Department concerned.

15. Improvement of Marks in the courses already passed

Students who are desirous of improving the marks secured in a passed course shall reappear in the immediate next End Semester Examination. The improvement in Letter Grade shall be considered for Classification / Distinction. If there is no improvement, there shall not be any change in the original Letter Grade already obtained. The fee for such appearances will be decided by the Governing Body from time to time. The candidate will not be

allowed to improve marks in the Practicals, Project, Viva-Voce and field works.

16. Self-Supportive Courses

The above Regulations shall apply to candidates undergoing the respective self-supportive courses also.

17. Rank Holders

The students who secure the highest marks in aggregate of all the subjects in the first attempt of the autonomous examinations will be the Rank holders. This applies to all UG & PG programmes of our College. The Rank Holder will be awarded a certificate and prize.

18. MOOC

All the PG Students admitted from the academic year 2023-2024 shall have to complete one MOOC (SWAYAM /NAAN MUDHALVAN/Online Spoken Tutorial by IIT Bombay) of a minimum of 4 weeks duration as mandatory during the programme as per the norms, to be eligible for obtaining the PG degree.

19. Transitory Provision

Students who have joined the programme from the academic year 2023-24 will be permitted to appear for the examinations under this Regulation for a maximum period of **FOUR** years. Thereafter, they will be permitted to appear for the examinations only under the new Regulations in force. The equivalent paper to be written will be decided by the Chairman of the respective BOS. Such candidates have to reregister for the course. The fee for such re-registration will be decided by the Governing Body from time to time.

QUESTION PAPER PATTERN FOR PG PROGRAMMES – 3 HOURS DURATION

Part A	To answer All the 10 MCQs (Two questions from each UNIT)	10 x 1 = 10 Marks				
Part B	To answer All the 5 questions (One question from each UNIT)	5 x 2 = 10 Marks				
Part C	To answer All the 5 questions (either or type) (One question from each UNIT)	5 x 5 = 25 Marks				
Part D	3 x10 = 30 Marks					
TOTAL 75 Marks						
	(Equal Weightage should be given to each unit)					

Question paper Pattern for Value Based Course: Human Rights 50 MCQs (Answer All Questions) x 1.5 = Total 75 Marks Online Exam Duration: 2 Hours

ISLAMIAH COLLEGE (AUTONOMOUS) COURSE STRUCTURE FOR PG PROGRAMMES (CBCS PATTERN)

(For Students admitted from 2023 - 2024)

M.A ENGLISH DEGREE PROGRAMME (CBCS PATTERN) (For Students admitted from Academic Year 2023-2024)

PROGRAMME OUTCOMES

PO1	Conduct Research independently to bring out new facts and strengthen the existing body of knowledge. Communicate the findings of Research through well structured Report.
PO2	Demonstrate domain-specific knowledge and its applications in real-life situations
PO3	Synthesise learned knowledge and skills to effectively and efficiently perform the job duties of a profession
PO4	Critically evaluate a situation and suggest a solution after careful consideration of the alternatives
PO5	Exhibit potential to accomplish tasks independently or as a member or leader of a team
PO6	Plan and Execute a Project after careful evaluation of the activities involved
PO7	Develop products, Design Policies, and/or collaborate to help Society in building a Sustainable Environment
PO8	Discover a passion for Lifelong Learning through MOOCs, ODL, and Self - Learning techniques through the optimum use of ICT
PO9	Identify the need and importance of Human Rights, especially for Women, Children, Bonded Labourers, and Refugees.
PO10	Exhibit Ethics and Values in professional, Social, and Personal spheres of life, caring for the underprivileged, leading to a better sustainable future

PROGRAMME SPECIFIC OUTCOMES

PSO1	Illustrate the connection between modern themes and classical and romantic
	ideas
PSO2	Explains the methodical approach to the literature and categorize it.
PSO3	Compare the language's scientific and non-scientific ways of doing things.
PSO4	Discovers the visual arts which is a vexing and complex history.
PSO5	Connects the language as the study of reasoning and the theory of language.
PSO6	Defends why people are complicit with their ideological construction,
PSO7	Develops the systematic study of literature and methods to analyze
PSO8	Writes effectiveness of rational inquiry, and logical and empirical
	investigations.

Programme Specific	Programme Outcomes (POs)									
Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	~	✓	✓	✓	✓	~	✓	~	✓
PSO2	√	✓		V	~	✓	√	√		
PSO3	√	✓								
PSO4	~	~	~	~	~	~	~	~	~	~
PSO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PSO6	√	✓	✓	√	√	√	√	√	√	
PSO7	✓	✓	✓	✓	✓	✓	✓			✓
PSO8	√	✓	√	✓	✓	~	√		√	√
Number of Matches = 74, Correlation: Very High										

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES MAPPING CORRELATION BENCHMARK

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR M.A. ENGLISH (For Students admitted from the academic year 2023-2024)									
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL	
			SEMESTER I							
	Core Course I	PCENTC11	English Poetry	6	4	3	25	75	100	
	Core Course II	PCENTC12	English Drama	6	4	3	25	75	100	
	Core Course III	PCENTC13	English Fiction	5	4	3	25	75	100	
١,	Core Course IV	PCENTC14	Women's Writing in English	5	4	3	25	75	100	
'	Discipline Centric Elective I	PCENTE11/ PCENTE12	Indian Writing in English Indian English Poetry	4	2	3	25	75	100	
	Generic Elective II	PCENTE13/ PCENTE14	1. Theatre Art 2. Critical Interpretation of R.K. Narayan	4	2	3	25	75	100	
			TOTAL	30	20	1	150	450	600	
			SEMESTER II							
	Core Course V	PCENTC21	American Literature	6	5	3	25	75	100	
	Core Course VI	PCENTC22	Shakespeare Studies	6	5	3	25	75	100	
	Core Course VII	PCENTC23	Post-colonial Theory and Literature	6	4	3	25	75	100	
1	Discipline Centric Elective III	PCENTE21/ PCENTE22	1. Approaches to English Language Teaching 2. Interpretation of Literature	4	3	3	25	75	100	
	Elective IV	PCENTE23/ PCENTE24	1. A Glimpse of Nobel Laureates 2. Modern English Literature	4	3	3	25	75	100	
Ш	Skill Enhancement Course SEC1	PCENTS21	Technology in Teaching English	4	2	3	25	75	100	
			TOTAL	30	22	1	150	450	600	
			SEMESTER III							
	Core Course VIII	PCENTC31	Contemporary Literary Criticism	6	5	3	25	75	100	
1	Core Course IX	PCENTC32	Canadian Studies	6	5	3	25	75	100	
	Core Course X	PCENTC33	Literature of the Marginalized in India	6	5	3	25	75	100	

	Core Course XI	PCENTC34	Film and Media Studies	4	3	3	25	75	100
	Discipline Centric Elective V	PCENTE31/ PCENTE32	1. Translation Studies 2.Technical Writing	4	3	3	25	75	100
=	Skill Enhancement Course SEC2	PCENTS31	Entrepreneurship Development	4	3	3	25	75	100
	Internship [30 Hours]	PCENIS31	Internship / Industrial Activity	-	2	3	25	75	100
			Total	30	26	-	175	525	700
			SEMESTER IV	/					
	Core Course XII	PCENTC41	Twenty-First- Century Millennial Literature and Culture	6	4	3	25	75	100
	Core Course XIII	PCENTC42	Subaltern Studies	6	4	3	25	75	100
I	Elective VI	PCENTE41/ PCENPE42	1. New Trends of Contemporary Literature 2. Aesthetics in English Literature	5	4	3	25	75	100
	Core Course XIV	PCENPJ41	Project with Viva- Voce	6	5	3	25	75	100
=	Skill Enhancement Course SEC3	PCENTS41/ PCENTS42	1. English Literature for NET, SET & GATE 2. Computer Literacy in Teaching	5	3	3	25	75	100
	Value-Based Course [Online Exam]	PCCCHR41	Human Rights	2	2	2	25	75	100
=	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100
			I/Online Spoken Tutoria ng the PG degree]	l by IIT B	ombay	- MO	OC[Mand	atory Onl	ine
			Total	30	23	-	175	525	700
			Grand Total	120	91		650	1950	2600

M.A HISTORY DEGREE PROGRAMME (CBCS PATTERN) (For Students admitted from Academic Year 2023-2024)

PROGRAMME OUTCOMES

Programme Outcomes (POs):

PO1: Problem-Solving and Decision-Making Skill

Apply knowledge of Management theories and Human Resource practices to solve business problems through research in a Global context. Foster analytical and critical thinking abilities for data-based decision-making.

PO2: Ethical Value

Ability to incorporate quality, ethical and legal value-based perspectives to all organizational activities and in conducting one's life.

PO3: Communication Skill

Ability to develop communication, managerial and interpersonal skills.

PO4: Individual and Team Leadership Skill

Capability to lead themselves and the team to achieve organizational goals.

PO5: Employability Skill

Inculcate contemporary business practices to enhance employability skills in th competitive environment.

PO6: Entrepreneurial Skill

Equip with skills and competencies to become an entrepreneur.

PO7: Contribution to Society

Succeed in career endeavours and contribute significantly to society.

PO8: Multicultural competence

Possess knowledge of the values and beliefs of multiple cultures and a global perspective.

Programme Specific Outcomes (PSOs)

PSO1 – Placement

To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions.

PSO 2 - Entrepreneur

To create effective entrepreneurs by enhancing their critical thinking, problem-solving, decision making and leadership skill that will facilitate startups and high-potential organizations.

PSO3 – Research and Development

Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.

PSO4 - Contribution to Business World

To produce employable, ethical and innovative professionals to sustain in the dynamic business world.

PSO 5 - Contribution to the Society

To contribute to the development of society by collaborating with stakeholders for mutual benefit.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme Specific Outcomes (PSOs)	P O 1	PO2	PO3	PO4	P O 5	PO6	P O 7	P O 8
PSO1	3	3	3	3	3	3	2	3
PSO2	3	2	3	3	3	3	2	2
PSO3	3	2	3	2	2	2	3	3
PSO4	3	3	3	3	3	3	2	2
PSO5	3	3	2	2	2	2	3	2

(3 – Strong) (2 – Medium) (1 – Low)

	COURSE STRUCTURE FOR M.A. HISTORY (For Students admitted from the academic year 2023-2024)								
Part	Category	Course Code	Course Title		Hrs./week Credit	Exam. Hrs.	CIA	ESE	TOTAL
			SEMESTER I						
	Core Course I	PCHITC11	History of Ancient and Early Medieval India - Prehistory to 1206 Common Era (CE)	6	4	3	25	75	100
	Core Course II	PCHITC12	Socio-Cultural History of Tamil Nadu up to 1565 CE	6	4	3	25	75	100
1	Core Course III	PCHITC13	History of World Civilizations (Excluding India)	5	4	3	25	75	100
	Core Course IV	PCHITC14	Muslims' Contribution to Humanity	5	4	3	25	75	100
	Discipline Centric Elective I	PCHITE11/ PCHITE12	Freedom Struggle in Tamil Nadu / Indian Art and Architecture	4	2	3	25	75	100
	Elective II	PCHITE13/ PCHITE14	Administrative History of Tamil Nadu / Cultural Heritage of India	4	2	3	25	75	100
			TOTAL	30	20	-	150	450	600

			SEMESTER II						
	Core Course V	PCHITC21	History of Medieval India - 1206 - 1707 CE	6	5	3	25	75	100
	Core Course VI	PCHITC22	Socio-Cultural History of Tamil Nadu - 1565 - 1956 CE	6	5	3	25	75	100
	Core Course VII	PCHITC23	Historiography and Historical Methods	6	4	3	25	75	100
1	Discipline Centric Elective III	PCHITE21/ PCHITE22	History of Journalism / International Migrations and Diasporic Studies	4	3	3	25	75	100
	Elective IV	PCHITE23/ PCHITE24	Indian Constitution / Environmental History of India & Achievements of the Dravidian Movement	4	3	3	25	75	100
11	Skill Enhancement Course SEC1	PCHISE11	Growth of Panchayati Raj Institutions in India(with special reference to Tamil Nadu)	4	2	3	25	75	100
			TOTAL	30	22	-	150	450	600
			SEMESTER III						
	Core Course VIII	PCHITC31	Colonialism and Nationalism in India	6	5	3	25	75	100
	Core Course IX	PCHITC32	Intellectual History of India	6	5	3	25	75	100
ı	Core Course X	PCHITC33	Economic History of India since 1857 CE	6	4	3	25	75	100
	Core Course XI	РСНІТСЗ4	Tourism in Tamil Nadu	4	4	3	25	75	100
	Discipline Centric Elective V	PCHITE31 / PCHITE32	Principles and Techniques of Archaeology / Introduction to Sociology	4	3	3	25	75	100
II	Skill Enhancement Course SEC2	PCHITSE3	Communication Strategies for Leadership Success	4	3	3	25	75	100
	Internship [30 Hours]	PCHIIST3	Internship / Industrial Activity	-	2	3	25	75	100
			TOTAL	30	26	-	175	525	700

			SEMESTER IV						
	Core Course XII	PCHITC41	Contemporary India	6	4	3	25	75	100
	Core Course XIII	PCHITC42	Peasant and Labour Movements in India	6	4	3	25	75	100
	Core Course XIV	PCHIPJ41	Project with Viva Voce	6	5	3	25	75	100
	Elective VI	PCHITE43 / PCHITE44	Women in India through the Ages / Science and Technology in India since 1947 CE	5	4	3	25	75	100
	Skill Enhancement Course SEC3	PCHITC44	Cargo and Logistics	5	3	3	25	75	100
"	Value-based Course {Online Exam]	PCCCHR41	Human Rights	2	2	2	25	75	100
III	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100
			Online Spoken Tutorial by the PG degree	y IIT Bor	nbay -	МОО	[Manda	atory On	line
			TOTAL	30	23	-	175	525	700
			Grand Total	120	91		650	1950	2600

M.COM. DEGREE PROGRAMME (CBCS PATTERN)

(For Students admitted from Academic Year 2023-2024)

PROGRAMME OUTCOMES

PO1: Problem-Solving Skill: Apply knowledge of Management theories and Human Resource practices to solve business problems through research in a Global context.

PO2: Decision-Making Skill: Foster analytical and critical thinking abilities for data-based decision-making.

PO3: Ethical Value: Ability to incorporate quality, ethical and legal value-based perspectives to all organizational activities.

PO4: Communication Skill: Ability to develop communication, managerial and interpersonal skills.

PO5: Individual and Team Leadership Skill: Capability to lead themselves and the team to achieve organizational goals.

PO6: Employability Skill: Inculcate contemporary business practices to enhance employability skills in the competitive environment.

PO7: Entrepreneurial Skill: Equip with skills and competencies to become an entrepreneur.

PO8: Contribution to Society: Succeed in career endeavours and contribute significantly to society.

PO 9: Multicultural competence: Possess knowledge of the values and beliefs of multiple cultures and a global perspective.

PO 10: Moral and ethical awareness/reasoning: Ability to embrace moral/ethical values in conducting one's life.

	COURSE STRUCTURE FOR M.COM. COMMERCE (For Students admitted from the academic year 2023-2024)								
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
	SEMESTER I								
	Core Course I	PCCOTC11	Business Finance	6	4	3	25	75	100
	Core Course II	PCCOTC12	Digital Marketing	6	4	3	25	75	100
١,	Core Course III	РССОТС13	Banking and Insurance	5	4	3	25	75	100
	Core Course IV	PCCOTC14	Accounting for Managerial Decisions	5	4	3	25	75	100
	Discipline Centric	PCCOTE11/ PCCOTE12	Security Analysis and Portfolio	4	2	3	25	75	100

	Elective I		Management/ Operations Research						
	Elective II	PCCOTE13/ PCCOTE14	Strategic Human Resource Management /Labour Laws	4	2	3	25	75	100
			TOTAL	30	20	-	150	450	600
			SEMESTER II						
	Core Course IV	РССОТС21	Strategic Cost Management	6	5	3	25	75	100
	Core Course V	PCCOTC22	Corporate Accounting	6	5	3	25	75	100
	Core Course VI	РССОТС23	Setting up of Business Entities	6	4	3	25	75	100
ı	Discipline Centric Elective III	PCCOTE21/ PCCOTE22	Business Ethics and Corporate Sustainability/ Audit and Due Diligence	4	3	3	25	75	100
	Elective IV	PCCOTE23/ PCCOTE24	Rural and Agricultural Marketing/ Logistics and Supply Chain Management	4	3	3	25	75	100
II	Skill Enhancement Course SEC1	PCCOTS21	Advanced Business Statistics	4	2	3	25	75	100
			TOTAL	30	22	-	150	450	600
			SEMESTER III						
	Core Course VII	РССОТС31	Taxation	6	5	3	25	75	100
	Core Course VIII	РССОТС32	Research Methodology	6	5	3	25	75	100
	Core Course IX	РССОТС33	Computer Applications in Business	6	4	3	25	75	100
'	Core Course X	РССОТС34	International Business	4	4	3	25	75	100
	Discipline Centric Elective V	PCCOTE31/ PCCOTE32	Strategic Management/ International Financial Management	4	3	3	25	75	100
II	Skill Enhancement Course SEC2	PCCOTS31	Operations Management	4	3	3	25	75	100
	Internship	PCCOIS31	Internship / Industrial Activity	-	2	3	25	75	100
			TOTAL	30	26	-	175	525	700

			SEMESTER IV						
	Core Course XI	PCCOTC41	Corporate and Economic Laws	6	4	3	25	75	100
	Core Course XII	РССОТС42	Human Resource Analytics	6	4	3	25	75	100
1	Core Course XIII	PCCOPJ41	Project with Viva Voce	6	5	3	25	75	100
	Elective VI	PCCOTE41/ PCCOTE42	Organisational Behaviour/ Insolvency Law and Practice/Project Management	5	4	3	25	75	100
	Value-Based Course [Online Exam]	PCCCHR41	Human Rights	2	2	2	25	75	100
"	Skill Enhancement Course SEC3	PCCOTS41	Business Analytics	5	3	3	25	75	100
Ш	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100
	SWAYAM / NAA! Course to be eligi	•	Online Spoken Tutorial k the PG degree]	y IIT Boi	nbay –	MOO	[Manda	atory On	line
			TOTAL	30	23	-	175	525	700
			Grand Total	120	91		650	1950	2600

M.Sc. DEGREE PROGRAMMES (CBCS PATTERN)

(For Students admitted from Academic Year 2023-2024)

PROGRAMME OUTCOMES FOR MATHEMATICS, PHYSICS & CHEMISTRY

PO1	Problem-Solving Skill Apply knowledge of Management theories and Human Resource
	practices to solve business problems through research in a Global context.
	The second of th

- PO2 Decision-Making Skill Foster analytical and critical thinking abilities for data-based decision-making.
- PO3 Ethical Value Ability to incorporate quality, ethical and legal value-based perspectives to all organizational activities.
- **PO4** Communication Skill Ability to develop communication, managerial and interpersonal skills.
- PO5 Individual and Team Leadership Skills Capability to lead themselves and the team to achieve organizational goals.
- PO6 Employability Skill Inculcate contemporary business practices to enhance employability skills in a competitive environment.
- PO7 Entrepreneurial Skill Equip yourself with the skills and competencies to become an entrepreneur.
- **PO8** Contribution to Society Succeed in career endeavours and contribute significantly to society.
- PO9 Multicultural competence Possess knowledge of the values and beliefs of multiple cultures and a global perspective.
- **PO10** Moral and ethical awareness/reasoning Ability to embrace moral/ethical values in conducting one's life.

M.Sc. MATHEMATICS DEGREE PROGRAMMES (CBCS PATTERN)

PROGRAM SPECIFIC OUTCOMES (PSOs)

By the end of the program, the students will be able to

y the chart of the	program, the stadents will be able to
PSO1	Placement To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions.
PSO2	Entrepreneur To create effective entrepreneurs by enhancing their critical thinking, problemsolving, decision making and leadership skill that will facilitate start-ups and high
PSO3	Research and Development Design and implement HR systems and practices grounded in research that complies with employment laws, leading the organization towards growth and development.
PSO4	Contribution to Business World To produce employable, ethical and innovative professionals to sustain in the dynamic business world.
PSO5	Contribution to the Society To contribute to the development of society by collaborating with stakeholders for mutual benefit.

PROGRAM SPECIFIC OUTCOMES (PSOs)

By the end of the program, the students will be able to

PSO1	Understand in-depth knowledge of pure and applied mathematics.
PSO2	Attain the ability to solve challenging problems in Mathematics and prove the abstract
	theorem.
PSO3	Know the specialized area of mathematics and its applications.
PSO4	Analyse practical problems and propose a solution.
PSO5	Obtain the exact solutions for society-oriented problems by mathematical models.
PSO6	Discuss in groups or individually in multidisciplinary tasks. solution.
PSO7	Crack the NET / SET examination conducted by UGC-CSIR / NTA or State Universities.
PSO8	Apply the mathematical concepts in real-life situations.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme Specific				Prog	ramme O	utcomes	(POs)			
Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	✓				✓	✓	✓	
PSO2		✓	✓	✓	✓	✓	✓			
PSO3	✓	√		√	√	✓		✓	✓	
PSO4	✓	✓		✓	✓		✓	✓	✓	
PSO5		✓	✓	✓	✓				✓	✓
PSO6	✓	✓		✓	✓	✓		✓	✓	
PSO7		✓	✓		✓	✓	✓	✓		
PSO8		✓	✓			✓	✓	✓	✓	✓
	Number of Matches = 52, Correlation: High									

Mapping Correlation Benchmark

Mapping	1-29%	30-59%	60-69%	70-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR M.Sc. MATHEMATICS (For the candidates admitted from the academic year 2023-2024)									
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL	
			SEMEST							
	Core Course I	PCMSTC11	Algebraic Structures	6	4	3	25	75	100	
	Core Course II	PCMSTC12	Real Analysis I	6	4	3	25	75	100	
	Core Course III	PCMSTC13	Ordinary Differential Equations	5	4	3	25	75	100	
	Core Course IV	PCMSTC14	Classical Dynamics	5	4	3	25	75	100	
1	Discipline Centric Elective I (To choose 1 out of 2)	PCMSTE11/ PCMSTE12	Number theory and Cryptography/ Advanced Graph Theory	4	2	3	25	75	100	
	Elective II (To choose 1 out of 2)	PCMSTE13/ PCMSTE14	Mathematical Programming/ Discrete Mathematics	4	2	3	25	75	100	
			TOTAL	30	20	-	150	450	600	
			SEMESTER II							
	Core Course IV	PCMSTC21	Advanced Algebra	6	5	3	25	75	100	
	Core Course V	PCMSTC22	Real Analysis II	6	5	3	25	75	100	
	Core Course VI	PCMSTC23	Partial Differential Equations	6	4	3	25	75	100	
1	Discipline Centric Elective III (To choose 1 out of 2)	PCMSTE21/ PCMSTE22	Mathematical Statistics/ Algebraic Number Theory	4	3	3	25	75	100	
	Elective IV (To choose 1 out of 2)	PCMSTE23/ PCMSTE24	Modelling and Simulation with Excel/Advanced Numerical Analysis	4	3	3	25	75	100	
11	Skill Enhance- ment Course I [NME I]	ment Course I PCMSTSE2		4	2	3	25	75	100	
			TOTAL	30	22	-	150	450	600	

			SEMESTER III						
	Core Course VII	PCMSTC31	Complex Analysis	6	5	3	25	75	100
	Core Course VIII	PCMSTC32	Probability Theory	6	5	3	25	75	100
	Core Course IX	PCMSTC33	Topology	6	4	3	25	75	100
ı	Core Course X	PCMSTC34	Industry Modules	4	4	3	25	75	100
	Discipline Centric Elective V (To choose 1 out of 2)	PCMSTE31 PCMSTE32	Mathematical Python/ Fluid Dynamics	4	3	3	25	75	100
ı	Skill Enhancement Course II [NME II]	PCMSTSE3	Advanced Integral Equations	4	3	3	25	75	100
	Internship	PCMSIS31	Internship / Industrial Activity	-	2	3	25	75	100
			TOTAL	30	26	-	175	525	700
			SEMESTER IV						
	Core Course XI	PCMSTC41	Functional Analysis	6	5	3	25	75	100
	Core Course XII	PCMSTC42	Differential Geometry	6	5	3	25	75	100
1	Elective VI (To choose 1 out of 2)	PCMSTE41/ PCMSPE42	Advanced Complex Analysis / Stochastic Processes	5	5	3	25	75	100
	Core Course XIII	PCMSPJ41	Project with viva voce	6	4	3	25	75	100
	Skill Enhancement Course III	PCMSTC43	Calculus of Variations	5	2	3	25	75	100
II	Value-Based Course [Online Exam]	PCCCHR41	Human Rights	2	1	2	25	75	100
Ш	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100
	SWAYAM / NAAM Course to be eligi		Online Spoken Tutoria the PG degree]	l by IIT B	ombay	- MO	OC[Manda	atory Onli	ne
			Total	30	23	-	75	525	700
			GRAND TOTAL	120	91	1	650	1950	2600

M.Sc. PHYSICS DEGREE PROGRAMMES (CBCS PATTERN) PROGRAM SPECIFIC OUTCOMES (PSOs)

PROGRAM SPECIFIC OUTCOMES (PSOs):

By the end of the program, the students will be able to

- PSO1 Understand principles of physics for the scientific phenomena in the classical domain.
- PSO2 Understand the mathematical techniques for describing in-depth knowledge of physical concepts.
- PSO3 Understand and apply statistical methods for describing the classical and quantum particles in various physical systems and processes.
- PSO4 Understand and apply interdisciplinary concepts for understanding and describing natural phenomena.
- PSO5 Understand the principles of Quantum mechanics for knowing the physical systems in the quantum arena.
- PSO6 Provide exposure to various specializations of Physics (Solid State

Physics/Nuclear Physics/Particle Physics).

PSO7Provide exposure to modern experimental/theoretical methods for measurement, observation and fundamental understanding of physical phenomena/systems.

PSO8 Engage in research and life-long learning to adapt to changing environment

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Programme				Prog	ramme C	Outcome	s (POs)			
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓		✓		✓	✓	✓	✓	✓
PSO2	√	√	✓	✓		✓	✓		✓	√
PSO3	√	√	√	√			√	√	√	✓
PSO4	√	√		√	√		√	√	√	✓
PSO5	√	√		✓		✓	√	√	√	✓
PSO6	√	√	√	√	✓	√	√	√	√	✓
PSO7	√	√	√	√	✓	√	√	√	√	√
PSO8	√									

Mapping Correlation Benchmark

Mapping	1-29%	30-59%	60-69%	70-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High
Matching: 70	Correlation: Very High			

			RSE STRUCTURE FOR IV			-2024	1)		
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
			SEMESTER I						
	Core Course I	PCPYTC11	Mathematical Physics	6	4	3	25	75	100
	Core Course II	PCPYTC12	Classical Mechanics and Relativity	5	4	3	25	75	100
	Core Course III	PCPYTC13	Linear and Digital ICs and Applications	5	4	3	25	75	100
1	Core Course IV	PCPYPC14	General Physics Practical I	6	4	3	25	75	100
	Discipline Centric Elective I	PCPYTE11/ PCPYTE12	Physics of Nano Science and Technology/ Astrophysics	4	3	3	25	75	100
	Elective II	PCPYTE12	Material Science/Non-linear Dynamics	4	3	3	25	75	100
			TOTAL	30	20	-	150	450	600
	SEMESTER II								
	Core Course V	PCPYTC21	Statistical Mechanics	6	5	3	25	75	100
	Core Course VI	PCPYTC22	Quantum Mechanics I	6	5	3	25	75	100
	Core Course VII	PCPYPC23	General Physics Practical II	6	4	3	25	75	100
1	Discipline Centric Elective II	PCPYTE21/ PCPYTE22	General Relativity and Cosmology/Crystal Growth and Thin films	4	3	3	25	75	100
	Elective IV	PCPYTE21	Plasma Physics/Advanced Optics	4	3	3	25	75	100
II	Skill Enhancement Course SEC 1 [NME I]	PCPYTS21	Solid Waste Management	4	2	3	25	75	100
			TOTAL	30	22	-	150	450	600
			SEMESTER III						
	Core Course VIII	PCPYTC31	Quantum Mechanics II	6	5	3	25	75	100
	Core Course IX	РСРҮТС32	Condensed Matter Physics	6	5	3	25	75	100
ı	Core Course X	РСРҮТС33	Electromagnetic Theory	6	4	3	25	75	100

			Numerical						
	Core Course XI	РСРҮРС34	Methods and Computer Programming using FORTRAN & C Practical	4	4	3	25	75	100
	Discipline Centric Elective V	PCPYTE31/ PCPYTE32	Communication Electronics/Microp rocessor 8086 and Microcontroller 8051	4	3	3	25	75	100
=	Skill Enhancement Course SEC2 [NME II]	PCPYTS31	Medical Physics	4	3	3	25	75	100
	Internship	PCPYINT1	Internship / Industrial Activity	-	2	3	25	75	100
			TOTAL	30	26	•	175	525	700
			SEMESTER IV						
	Core Course XII	PCPYTC41	Nuclear and particle Physics	6	5	3	25	75	100
	Core Course XII	PCPYTC41	Spectroscopy	6	5	3	25	75	100
ı	Core Course XIV	PCPYPJ41	Project with Viva- Voce	5	5	3	25	75	100
	Elective VI	РСРҮРЕ43	Microprocessor 8086 and Microcontroller 8051 Practical	5	3	3	25	75	100
	Skill Enhancement Course III	РСРҮТС44	Characterization of Materials	6	3	3	25	75	100
II	Value-Based Course [Online Exam]	PCCCHR41	Human Rights	2	1	2	25	75	100
Ш	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100
	SWAYAM / NAAN Course to be eligib		Online Spoken Tutorial by the PG degree	y IIT Bor	nbay – M	1000	[Manda	tory Onlin	ie
			Total	30	23	-	175	525	700
			Grand Total	120	91		650	1950	2600

M.Sc. CHEMISTRY DEGREE PROGRAMMES (CBCS PATTERN) PROGRAM SPECIFIC OUTCOMES (PSOs)

Programme Specific Outcomes (PSOs)

PSO1 - Placement

To prepare the students who will demonstrate respectful engagement with others' ideas, behaviours, and beliefs and apply diverse frames of reference to decisions and actions.

PSO 2 - Entrepreneur

To create effective entrepreneurs by enhancing their critical thinking, problem-solving, decision making and leadership skill that will facilitate startups and high-potential organizations.

PSO3 - Research and Development

Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.

PSO4 - Contribution to Business World

To produce employable, ethical and innovative professionals to sustain in the dynamic business world.

PSO 5 - Contribution to the Society

To contribute to the development of society by collaborating with stakeholders for mutual benefit.

PROGRAMME SPECIFIC OUTCOMES (PSO) On completion of the M.Sc Chemistry Programme, By the end of the program, the students will be able to

PSO1	Orient the skill and knowledge in Computation and its applications in chemistry and handle the suitable software for the subject and correlate it with experimental data.
PSO2	Apply the multi-dimensional aspects of chemistry and its applications in Material science, Molecular modelling, Drug discovery and Process Development.
PSO3	Utilize the basic knowledge of structure, reactivity, characterization and applications of chemicals in the development of novel chemical compounds.
PSO4	Handle the instruments employed in maintaining the quality and control of chemicals in the manufacturing process.
PSO5	Extract, elucidate the structure and synthesize natural products from the available sources
PSO6	Apply the knowledge of reactions and mechanisms in the synthesis of new chemicals, their analysis and applications.
PSO7	Carry out any kind of project in quality control, research and process development in the chemical industry, enhancing the job opportunities of the students.
PSO8	Communicate and work collaboratively with Technologists and Environmentalists leading to sustainable living.

MAPPING OF PROGRAMME-SPECIFIC OUTCOMES WITH PROGRAMME OUTCOMES

Program-	Progra	m Outco	mes (PO	s)						
Specific Outcomes (PSOs)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	✓	✓	✓	✓	✓	✓		
PSO2	✓	✓	✓	✓	✓	✓	✓	✓		
PSO3	✓	✓	✓	✓	✓	✓	✓			
PSO4	✓	✓	✓	✓	✓	✓	✓			
PSO5	✓	✓	✓	✓	✓	✓	✓	✓		
PSO6	✓	✓	✓	✓	✓	✓	✓	✓		
PSO7	✓	✓	✓	✓	✓	✓	✓			√
PSO8	✓	√	√	√	✓	✓	✓	✓	✓	✓

Mapping Correlation Benchmark

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

			RSE STRUCTURE FOR M				24)		
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL
	SEMESTER								
Core Course I PCCHTC11 Organic Reaction 6 4 3 25 75 100									100
	Core Course II	PCCHTC12	Structure and Bonding in Inorganic Compounds	6	4	3	25	75	100
	Core Course III	PCCHPC13	Practical: Organic Chemistry - I	5	4	3	25	75	100
I	Core Course IV	PCCHPC14	Practical: Physical Chemistry - I	5	4	3	25	75	100
	Discipline Centric Elective I	PCCHTE11/ PCCHTE12	Pharmaceutical Chemistry/ Nanomaterials and Nanotechnology	4	2	3	25	75	100
	Elective II	PCCHTE13/ PCCHTE14	Molecular Spectroscopy / Pharmacognosy and Phytochemistry	4	2	3	25	75	100
			TOTAL	30	20	-	150	450	600
			SEMESTER II						
	Core Course IV	PCCHTC21	Organic reaction mechanism-II	6	5	3	25	75	100
	Core Course V	PCCHTC22	Physical Chemistry-I	6	5	3	25	75	100
	Core Course VI	PCCHPC23	Practical: Inorganic Chemistry - I	6	4	3	25	75	100
ı	Discipline Centric Elective III	PCCHTE21/ PCCHTE22	Medicinal Chemistry/Green Chemistry	4	3	3	25	75	100
	Elective IV	PCCHTE23/ PCCHTE24	Bio-Inorganic Chemistry/Material Science	4	3	3	25	75	100
II	Skill Enhancement Course SEC1[NME I]	PCCHTSE2	Computational Chemistry		2	3	25	75	100
	TOTAL					-	150	450	600

	SEMESTER III										
	Core Course VII	PCCHTC31	Organic synthesis and Photochemistry	6	5	3	25	75	100		
	Core Course VIII	РССНТС32	Coordination Chemistry-I	6	5	3	25	75	100		
ı	Core Course IX	РССНРС33	Practical: Inorganic Chemistry - II		4	3	25	75	100		
	Core Course X	РССНРС34	Practical: Organic Chemistry - II	5	4	3	25	75	100		
	Discipline Centric Elective V	PCCHTE31/ PCCHTE32	Electrochemistry / Biomolecules and Heterocyclic compounds	4	3	3	25	75	100		
	Skill Enhancement Course SEC2 [NME II]	PCCHTSE3	Professional Communication Skill	4	3	3	25	75	100		
II	Internship (Carried out in Summer Vacation at the end of I year – 30 hours)	PCCHIS31	Internship / Industrial Activity	-	2	3	25	75	100		
			TOTAL	30	26	-	175	525	700		
			SEMESTER IV								
	Core Course XI	PCCHTC41	Coordination Chemistry-II	6	5	3	25	75	100		
	Core Course XII	PCCHTC42	Physical Chemistry-	6	5	3	25	75	100		
ı	Elective VI	PCCHPE41/ PCCHPE42	Practical: Analytical instrumentation techniques / Practical: Domestic Products preparation and testing	6	4	3	25	75	100		
	Core Course XIII	PCCHPJ41	Project with viva voce	6	5	3	25	75	100		
II.	Skill Enhancement Course SEC3	PCCHTC44	Professional Competency Skill Enhancement	4	2	3	25	75	100		
	Value-Based Course [Online Exam]	PCCCHR41	Human Rights	2	1	2	25	75	100		
III	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100		
			N/Online Spoken Tutoria ing the PG degree]	l by IIT E	Bombay	– MOC	C[Man	datory Or	line		
			Total	30	23	-	175	525	700		
			Grand Total	120	91	-	650	1950	2600		

M.SC. DEGREE PROGRAMMES

PROGRAMME OUTCOMES FOR BIOCHEMISTRY & BIOTECHNOLOGY

PROGRAMME OUTCOMES:

- PO1. To make students understand the importance of biochemistry as a subject that deals with life processes, as well as the concepts, theories and experimental approaches followed in biochemistry, in order to pursue a research career, either in an industry or academic setting.
- PO2. To develop analytical and problem-solving skills
- PO3. To create an awareness among the students on the interconnection between the interdisciplinary areas of biochemistry.
- PO4. To give the necessary practical skills required for biochemical techniques and analysis.
- PO5. To develop a communication and writing skills in students.
- PO6. To develop leadership and teamwork skills
- PO7. To emphasize the importance of good academic and work ethics and their social
- PO8. To emphasize the importance of continuous learning and to promote lifelong learning and career development.
- PO9. To teach students how to retrieve information from a variety of sources, including libraries, databases and the internet.
- PO10. To teach students to identify, design and execute a research problem, analyze and interpret data and learn time and resource management.

On successful completion of this course, students should be able to: PROGRAM-SPECIFIC OUTCOME FOR MASTER OF BIOCHEMISTRY

Knowledge Domain

- PSO1. Outline the structure and metabolism of macromolecule and its regulation, and disorders of metabolic pathways.
- PSO2. Acquire knowledge of the molecular machinery of living cells and their participation in molecular recognition and signalling.
- POS3. Acquire in-depth knowledge of Biochemistry, Microbiology, Plant Biochemistry, cell biology, toxicology, physiology, ecology and stem cell.
- POS4. Differentiate the principle, instrumentation and applications of different analytical techniques used in biochemistry, microbiology, biotechnology, Immunology and molecular biology and able to apply the scientific methods in the research investigation and hypothesis testing.

Skill Domain

- POS5. Measure and identify the concentration of analytes in the given sample by using biochemical, microbiological and molecular techniques and demonstrate independent and critical skills necessary to formulate specific experiments and obtain reproducible data.
- POS6. Make use of modern library research tools and software to locate and retrieve scientific information about techniques, bioinformatics, biostatics, genomics, and proteomics.

POS7. Develop effective communication skills (oral and written) to represent the results of the experimental work and research, to pursue a career in academic and different life science industries (Pharmaceuticals, Biotech, research, Hospital and community services). Acquire lifelong self-learning habits through online courses, and the ability to plan and manage projects to achieve the objective. Value domain

POS8. Contribute to solving environmental issues and sustainable development and enhance personal integrity, human rights, women, children and labour rights and ethical behaviour when dealing with patients, Community members and the healthcare team.

Mapping PO Vs PSO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
PSO1	✓	✓	✓	✓						
PSO2	✓	✓	✓		✓					
PSO3	✓	✓	✓		✓				✓	✓
PSO4	✓	✓				✓		✓	✓	✓
PSO5	✓	✓		✓	✓	✓		✓	✓	✓
PSO6	✓	✓	✓	✓	✓	✓	✓		✓	✓
PSO7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSO8						✓	✓	✓	✓	✓

Mapping Correlation Benchmark

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR M.Sc. BIOCHEMISTRY (For the candidates admitted from the academic year 2023-2024)									
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Credit Exam. Hrs.		ESE	TOTAL	
			SEMESTER I							
	Core Course I	PCBITC11	Basics of Biochemistry	6	4	3	25	75	100	
	Core Course II	PCBITC12	Biochemical and Molecular Biology Techniques	6	4	3	25	75	100	
	Core Course	PCBITC13	Physiology and Cell Biology	5	4	3	25	75	100	
1	Core Course IV	PCBIPC14	Biomolecules and Biochemical Techniques Practical	5	4	3	25	75	100	
	Discipline Centric Elective I	PCBITE11/ PCBITE12	Microbiology & Immunology/Plant Biochemistry	4	2	3	25	75	100	
	Generic Elective II	PCBITE13/ PCBITE14	Soft Skill- Food Processing and Technology/Developmen t Biology	4	2	3	25	75	100	
			TOTAL	30	20	-	150	450	600	
			SEMESTER II							
	Core Course IV	PCBITC21	Enzymology	6	5	3	25	75	100	
	Core Course V	PCBITC22	Cellular Metabolism	6	5	3	25	75	100	
	Core Course VI	PCBIPC23	Enzymology, Microbiology and Cell Biology Practical	5	4	3	25	75	100	
ı	Discipline Centric Elective II	PCBITE21/ PCBITE22	Energy and drug metabolism/Ecology Evolution and Biodiversity	4	3	3	25	75	100	
	Generic Elective II	PCBITE23/ PCBITE24	Nutritional Biochemistry/Molecular Endocrinology	4	3	3	25	75	100	
II	Skill Enhancement Course SEC1 [NME I]	PCBITSE2	Industrial Microbiology	5	2	3	25	75	100	
			TOTAL	30	22	-	150	450	600	
			SEMESTER III	1	1					
	Core Course VII	PCBITC31	Clinical Biochemistry	6	5	3	25	75	100	
1	Core Course VIII	PCBITC32	Molecular Biology	6	5	3	25	75	100	
	Core Course IX	РСВІТСЗЗ	Gene Editing, Cell and Gene therapy	5	4	3	25	75	100	

	Core Course X	PCBIPC34	Clinical Biochemistry Practical	5	4	3	25	75	100
	Discipline Centric Elective III	PCBITE31/ PCBITE32	Molecular basis of disease and therapeutic strategies/Cancer Biology	4	3	3	25	75	100
Ш	Skill Enhancement Course SEC2 [NME II]	PCBITSE3	Biostatistics and Data Science	4	3	3	25	75	100
	Internship Industrial Visit – Biotech	PCBIIS31	Internship	-	2	3	25	75	100
			TOTAL	30	26	-	175	525	700
			SEMESTER IV						
	Core Course XI	PCBITC41	Pharmaceutical Biochemistry	6	5	3	25	75	100
	Core Course XIII	PCBIPC42	Molecular Biology and Immunology Practical	6	5	3	25	75	100
I	Core Course XIV	PCBIPJ41	Project with Viva-Voce	6	5	3	25	75	100
	Generic Elective VI	PCBITE41/ PCBITE42	Biochemical Toxicology /Bio-safety, Lab Safety and IPR	6	3	3	25	75	100
ı.	Skill Enhancement Course SEC3	PCBITC43	Quantitative Aptitude for Competitive Exam in Biochemistry	4	2	3	25	75	100
II	Value Based Course {Online Exam}	PBCCHR41	Human Rights	2	2	2	25	75	100
Ш	Extension Activity Industrial Visit – Pharma or Food Processing	PCEXAC41	Extension Activity	-	1	3	25	75	100
	SWAYAM / NA/ to be eligible for		N/Online Spoken Tutorial by PG degree]	IIT Bom	bay – Mo)00c	Mandat	ory Online	Course
			Total	30	23	•	175	525	700
			Grand Total	120	91		650	1950	2600

PROGRAMME SPECIFIC OUTCOMES (PSOS) FOR M.Sc BIOTECHNOLOGY Upon completion of the M.Sc Biotechnology programme, the students will be able to:

PSO 1: Evolve with recent innovations and scientific updates in various thrust areas of biotechnology by the best scientific temperament, and professional and research ethics throughout life.

PSO 2: Apply broad multidisciplinary knowledge and transferable skills in biotechnology and related subjects suitable for employment in the pharmaceutical and biotechnology industry, government research institutes or other agencies.

PSO3: Contribute to innovative thinking, scientific approach, and problem-solving skills for various health, environmental, cultural and social issues through scientific knowledge.

PSO 4: Recognize ethical issues in connection with recombinant DNA technology, gene cloning, animal manipulation, IPR, biosecurity and the management of sensitive experiments.

PSO 5: Discriminate data beautification and data manipulation / scientific misconduct.

PSO 6: Make use of ICT to carry out and deliver the research works and assignments independently and with a team of students across disciplines.

PSO 7: Practice research & professional ethics as well as the responsibility of SOPs.

PSO8: Evolve with recent innovations and scientific updates in the technological era following the best scientific temperament, and professional and research ethics throughout life.

MAPPING OF PROGRAMME SPECIFIC OUTCOMES (M.Sc.) WITH PROGRAMME OUTCOMES

Programme	Programme Outcomes (PO)												
Specific													
Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10			
(PSOs)													
PSO1	٧	٧	٧		٧	٧	٧	٧	٧	٧			
PSO2	٧	٧	٧	٧	٧		٧						
PSO3	٧	٧	٧	٧	٧	٧	٧		٧	٧			
PSO4	٧	٧		٧		٧		٧	٧	٧			
PSO5	٧		٧	٧	٧	٧		٧					
PSO6	٧		٧		٧	٧	٧	٧					
PSO7			٧	٧			٧		٧	٧			
PSO8	٧	٧			٧		٧		٧	٧			
Number of match	nes = 54. C	orrelatio	n: High	Number of matches = 54, Correlation: High									

MAPPING CORRELATION BENCHMARK

Mapping	1-30%	31-60%	61-70%	71-100%
Matches	1-24	25-50	51-56	57-80
Correlation	Poor	Moderate	High	Very High

	COURSE STRUCTURE FOR M.Sc. BIOTECHNOLOGY (For Students admitted from the academic year 2023-2024)										
Part	Category	Course Code	Course Title	Hrs./Week	Credit	Exam. Hrs.	CIA	ESE	TOTAL		
			SEMESTER I								
	Core Course I	PCBTTC11	Biochemistry	6	4	3	25	75	100		
	Core Course II	PCBTTC12	Molecular Genetics	6	4	3	25	75	100		
	Core Course III	PCBTTC13	Molecular Cell Biology	5	4	3	25	75	100		
1	Core Course IV	PCBTPC11	Practical I – Biochemistry, Molecular Genetics and Molecular Cell Biology	5	4	3	25	75	100		
	Discipline Centric Elective I	PCBTTE11/ PCBTTE12	Bioinstrumentation / Human Physiology	4	2	3	25	75	100		
	Elective II	PCBTTE13/ PCBTTE14	Enzymology/ Cancer Biology	4	2	3	25	75	100		
			TOTAL	30	20	-	150	450	600		
			SEMESTER II								
	Core Course V	PCBTTC21	Microbiology	6	5	3	25	75	100		
	Core Course VI	PCBTTC22	Plant and Animal Biotechnology	6	5	3	25	75	100		
1	Core Course VII	PCBTPC21/ PCBTPC22/	Genetic Engineering OR Practical II: Microbiology, Plant & Animal Biotechnology and Genetic Engineering	6	4	3	25	75	100		
	Discipline Centric Elective III	PCBTTE21/ PCBTTE22	Regulatory affairs and Industrial standards /Pharmaceutical Biotechnology	4	3	3	25	75	100		
	Elective IV	PCBTTE23/ PCBTTE24	Environmental Biotechnology/ Medical Biotechnology	4	3	3	25	75	100		
II	Skill Enhancement Course I [NME I]	PCBTTSE2	Tissue Engineering	4	2	3	25	75	100		
			TOTAL	30	22	1	150	450	600		
			SEMESTER III								
	Core Course VIII	PCBTTC31	Bioinformatics	6	5	3	25	75	100		
	Core Course IX	PCBTTC32	Immunology	6	5	3	25	75	100		
	Core Course X	PCBTTC33	Bioprocess Technology	6	4	3	25	75	100		
	Core Course XI	PCBTPC31	Practical III: Bioinformatics,	4	4	3	25	75	100		

			Immunology and Bioprocess Technology						
	Discipline Centric Elective V	PCBTTE31/ PCBTTE32	Nano Biotechnology / Molecular Developmental Biology	4	3	3	25	75	100
н	Skill Enhancement Course II [NME II]	PCBTTSE3	Gene manipulation Technology	4	3	3	25	75	100
	Internship	PCBTIS31	Internship / Industrial Activity	-	2	3	25	75	100
			TOTAL	30	26		175	525	700
			SEMESTER IV						
	Core Course XII	PCBTTC41	Biostatistics	6	5	3	25	75	100
ı	Core Course XIII	PCENTC41/ PCENPC42	Ecology, Evolution and Biodiversity /Research Methodology and Biostatistics Practical	6	5	3	25	75	100
	Core Course XIV	РСВТРЈ41	Project with Viva-voce	6	5	3	25	75	100
	Elective VI	PCBTTE41/ PCBTTE42	Stem Cell Biology (or) Bioethics, Human Rights and Social Issues	5	3	3	25	75	100
	Skill Enhancement Course III	PCBTTC44	Biofertilizer technology	5	2	3	25	75	100
"	Value Based Course [Online Exam]	PCCCHR41	Human Rights	2	2	2	25	75	100
Ш	Extension Activity	PCEXAC41	Extension Activity	-	1	3	25	75	100
	SWAYAM / NAAM to be eligible for o		Online Spoken Tutorial by IIT degree]	Bombay	– MOC	C[Mano	latory O	nline Co	urse
			TOTAL	30	23	-	175	525	700
			Grand Total	120	91		650	1950	2600

ALMANAC 2023-2024

Date & Day	JUNE 2023	Day Order	No. of Work. Days
1 Thu		1	-
2 Fri		1	-
3 Sat	World Bicycle Day	-	-
4 Sun		-	-
5 Mon	World Environment Day	1	-
6 Tue		-	-
7 Wed	World Food Safety Day	1	-
8 Thu		1	-
9 Fri		1	-
10 Sat		-	-
11 Sun		-	-
12 Mon	Anti-Child Labour Day	-	-

Date & Day	JUNE 2023	Day Order	No. of Work. Days
13 Tue		-	-
14 Wed	World Blood Donor Day	1	-
15 Thu		-	-
16 Fri		-	-
17 Sat		-	-
18 Sun	Father's Day	-	-
19 Mon	College Reopens after Summer Vacation for Odd Semester	1	1
20 Tue		2	2
21 Wed	International Day of Yoga	3	3
22 Thu		4	4
23 Fri		5	5
24 Sat		6	6

Date & Day	JUNE / JULY 2023	Day Order	No. of Work. Days
25 Sun		ı	-
26 Mon	International Day against Drug Abuse and Illicit Trafficking	1	7
27 Tue		2	8
28 Wed	Yaum-e-Arafath Holiday	-	-
29 Thu	Eid-ul-Azha Holiday	-	-
30 Fri	"	-	-
1 Sat		-	-
2 Sun		-	-
3 Mon		3	9
4 Tue		4	10
5 Wed		5	11
6 Thu		6	12

Date & Day	JULY 2023	Day Order	No. of Work. Days
7 Fri		1	13
8 Sat		1	-
9 Sun		-	-
10 Mon		2	14
11 Tue		3	15
12 Wed		4	16
13 Thu		5	17
14 Fri		6	18
15 Sat		-	-
16 Sun		1	-
17 Mon		1	19
18 Tue		2	20

Date & Day	JULY 2023	Day Order	No. of Work. Days
19 Wed		3	21
20 Thu	Islamic New Year Holiday	-	-
21 Fri		4	22
22 Sat		5	23
23 Sun		-	-
24 Mon		6	24
25 Tue		1	25
26 Wed		2	26
27 Thu		3	27
28 Fri		4	28
29 Sat	Yaum-e-Ashura Holiday	1	-
30 Sun		-	-

Date & Day	JULY / AUGUST 2023	Day Order	No. of Work. Days
31 Mon		5	29
1 Tue		6	30
2 Wed		1	31
3 Thu		2	32
4 Fri		3	33
5 Sat		4	34
6 Sun		-	-
7 Mon		5	35
8 Tue	International Literacy Day	6	36
9 Wed		1	37
10 Thu		2	38
11 Fri		3	39

Date & Day	AUGUST 2023	Day Order	No. of Work. Days
12 Sat	International Youth Day	4	40
13 Sun		1	-
14 Mon		5	41
15 Tue	Independence Day	1	-
16 Wed		6	42
17 Thu		1	43
18 Fri		2	44
19 Sat		1	-
20 Sun		1	-
21 Mon		3	45
22 Tue		4	46
23 Wed		5	47

Date & Day	AUGUST / SEPTEMBER 2023	Day Order	No. of Work. Days
24 Thu		6	48
25 Fri		1	49
26 Sat		2	50
27 Sun		1	-
28 Mon		3	51
29 Tue	National Sports Day	4	52
30 Wed		5	53
31 Thu		6	54
1 Fri		1	55
2 Sat		-	-
3 Sun		-	-
4 Mon		2	56

Date & Day	SEPTEMBER 2023	Day Order	No. of Work. Days
5 Tue	Teachers' Day	3	57
6 Wed	Sri Krishna Jayanthi Holiday	1	-
7 Thu		4	58
8 Fri	International Literacy Day	5	59
9 Sat		1	-
10 Sun		1	-
11 Mon		6	60
12 Tue		1	61
13 Wed		2	62
14 Thu	Hindi Diwas	3	63
15 Fri		4	64
16 Sat		-	-

Date & Day	SEPTEMBER 2023	Day Order	No. of Work. Days
17 Sun	Sri Vinayagar Chathurthi Holiday	ı	-
18 Mon		5	65
19 Tue		6	66
20 Wed		1	67
21 Thu		2	68
22 Fri		3	69
23 Sat		-	-
24 Sun		-	-
25 Mon		4	70
26 Tue		5	71
27 Wed		6	72
28 Thu	Milad-un-Nabi (PBUH) Holiday	-	-

Date & Day	SEPTEMBER / OCTOBER 2023	Day Order	No. of Work. Days
29 Fri		1	73
30 Sat		-	-
1 Sun		-	-
2 Mon	Gandhi Jayanthi Holiday	ı	-
3 Tue		2	74
4 Wed		3	75
5 Thu		4	76
6 Fri		5	77
7 Sat		1	-
8 Sun		1	-
9 Mon		6	78
10 Tue		1	79

Date & Day	OCTOBER 2023	Day Order	No. of Work. Days
11 Wed		2	80
12 Thu		3	81
13 Fri		4	82
14 Sat		1	-
15 Sun		ı	-
16 Mon		5	83
17 Tue		6	84
18 Wed		1	85
19 Thu		2	86
20 Fri		3	87
21 Sat		-	-
22 Sun		-	-

Date & Day	OCTOBER / NOVEMBER 2023	Day Order	No. of Work. Days
23 Mon	Ayudha Pooja Holiday	-	-
24 Tue	Vijaya Dasami Holiday	1	-
25 Wed		4	88
26 Thu		5	89
27 Fri		6	90
28 Sat		1	-
29 Sun		-	-
30 Mon	World Thrift Day	1	91
31 Tue	National Unity Day	2	92
1 Wed		1	-
2 Thu		-	-
3 Fri		-	-

Date & Day	NOVEMBER 2023	Day Order	No. of Work. Days
4 Sat		ı	-
5 Sun		1	-
6 Mon	Commencement of Odd Semester Examinations	1	-
7 Tue	National Cancer Awareness Day	-	-
8 Wed		1	-
9 Thu		ı	-
10 Fri		1	-
11 Sat	National Education Day	1	-
12 Sun	Deepavali Holiday	1	-
13 Mon	"	1	-
14 Tue	Children's Day	-	-
15 Wed		-	-

Date & Day	NOVEMBER 2023	Day Order	No. of Work. Days
16 Thu		1	-
17 Fri		ı	-
18 Sat		1	-
19 Sun		ı	-
20 Mon		-	-
21 Tue		-	-
22 Wed		-	-
23 Thu		-	-
24 Fri		-	-
25 Sat		-	-
26 Sun	National Constitution Day	-	-
27 Mon		-	-

Date & Day	NOVEMBER / DECEMBER 2023	Day Order	No. of Work. Days
28 Tue		-	-
29 Wed		-	-
30 Thu		1	-
1 Fri		1	-
2 Sat	National Pollution Control Day	ı	-
3 Sun		1	-
4 Mon	Commencement of Even Semester	1	1
5 Tue		2	2
6 Wed		3	3
7 Thu		4	4
8 Fri		5	5
9 Sat		-	-

Date & Day	DECEMBER 2023	Day Order	No. of Work. Days
10 Sun	Human Rights Day	ı	-
11 Mon		6	6
12 Tue		1	7
13 Wed		2	8
14 Thu		3	9
15 Fri		4	10
16 Sat		5	11
17 Sun		-	-
18 Mon	Minorities Rights Day	6	12
19 Tue		1	13
20 Wed		2	14
21 Thu		3	15

Date & Day	DECEMBER 2023 / JANUARY 2024	Day Order	No. of Work. Days
22 Fri	National Mathematics Day	4	16
23 Sat	Farmer's Day (Kisan Diwas)	1	-
24 Sun	National Consumer Day	-	-
25 Mon	Christmas Holiday	1	-
26 Tue		5	17
27 Wed		6	18
28 Thu		1	19
29 Fri		2	20
30 Sat		3	21
31 Sun		1	-
1 Mon	New Year Day Holiday	-	-
2 Tue		4	22

Date & Day	JANUARY 2024	Day Order	No. of Work. Days
3 Wed		5	23
4 Thu		6	24
5 Fri		1	25
6 Sat		2	26
7 Sun		-	-
8 Mon		3	27
9 Tue		4	28
10 Wed	World Hindi Day	5	29
11 Thu		6	30
12 Fri	National Youth Day	1	31
13 Sat		2	32
14 Sun	Bhogi Holiday	-	-

Date & Day	JANUARY 2024	Day Order	No. of Work. Days
15 Mon	Pongal Holiday	1	-
16 Tue	Thiruvalluvar Day Holiday	1	-
17 Wed	Uzhavar Thirunal Holiday	1	-
18 Thu		3	33
19 Fri		4	34
20 Sat		5	35
21 Sun		1	-
22 Mon		6	36
23 Tue		1	37
24 Wed		2	38
25 Thu	Thaipoosam Holiday National Voter's Day	-	-
26 Fri	Republic Day	-	-

Date & Day	JANUARY / FEBRUARY 2024	Day Order	No. of Work. Days
27 Sat		1	-
28 Sun		ı	-
29 Mon		3	39
30 Tue		4	40
31 Wed		5	41
1 Thu		6	42
2 Fri		1	43
3 Sat		-	-
4 Sun		1	-
5 Mon		2	44
6 Tue		3	45
7 Wed		4	46

Date & Day	FEBRUARY 2024	Day Order	No. of Work. Days
8 Thu	Shab-e-Meraj Holiday	1	-
9 Fri		5	47
10 Sat		6	48
11 Sun		1	-
12 Mon		1	49
13 Tue	National Women's Day	2	50
14 Wed		3	51
15 Thu		4	52
16 Fri		5	53
17 Sat		-	-
18 Sun		-	-
19 Mon		6	54

Date & Day	FEBRUARY / MARCH 2024	Day Order	No. of Work. Days
20 Tue	World Day of Social Justice	1	55
21 Wed		2	56
22 Thu		3	57
23 Fri		4	58
24 Sat		ı	-
25 Sun	Shab-e-Barath Holiday	-	-
26 Mon		5	59
27 Tue		6	60
28 Wed	National Science Day	1	61
29 Thu		2	62
1 Fri		3	63
2 Sat		4	64

Date & Day	MARCH 2024	Day Order	No. of Work. Days
3 Sun		1	-
4 Mon		5	65
5 Tue		6	66
6 Wed		1	67
7 Thu		2	68
8 Fri		3	69
9 Sat		-	-
10 Sun		1	-
11 Mon	Ramzan Begins	4	70
12 Tue		5	71
13 Wed		6	72
14 Thu		1	73

Date & Day	MARCH 2024	Day Order	No. of Work. Days
15 Fri	World Consumer Rights Day	2	74
16 Sat		-	-
17 Sun		ı	-
18 Mon		3	75
19 Tue		4	76
20 Wed		5	77
21 Thu		6	78
22 Fri	World Water Day	1	79
23 Sat		-	-
24 Sun		1	-
25 Mon		2	80
26 Tue		3	81

Date & Day	MARCH / APRIL 2024	Day Order	No. of Work. Days
27 Wed		4	82
28 Thu		5	83
29 Fri	Good Friday Holiday	1	-
30 Sat		-	-
31 Sun		-	-
1 Mon		6	84
2 Tue		1	85
3 Wed		2	86
4 Thu		3	87
5 Fri	Shab-e-Qadr	1	-
6 Sat		1	-
7 Sun		-	-

Date & Day	APRIL 2024	Day Order	No. of Work. Days
8 Mon		-	-
9 Tue	Telugu New Year	-	-
10 Wed	Eid-ul-Fitr	-	-
11 Thu	n	1	-
12 Fri	n	1	-
13 Sat		1	-
14 Sun	Tamil New Year / Dr. Ambedkar Birthday	1	-
15 Mon		4	88
16 Tue		5	89
17 Wed		6	90
18 Thu	World Heritage Day	1	91
19 Fri		2	92

Date & Day	APRIL 2024	Day Order	No. of Work. Days
20 Sat		-	-
21 Sun	Mahavir Jayanthi Holiday	-	-
22 Mon	Earth Day	ı	-
23 Tue		-	-
24 Wed	Commencement of Even Semester Examinations	-	-
25 Thu		-	-
26 Fri	World Intellectual Property Day	-	-
27 Sat		-	-
28 Sun		-	-
29 Mon		-	-
30 Tue		-	-

Office of the Controller of Examinations CALENDAR 2023-2024 ODD SEMESTER

13-07-2023	:	M.Phil. Dissertation & Viva Voce Application Issue
21-07-2023	:	Last date for M.Phil. Dissertation & Viva Voce Appl.
		without late fee
28-07-2023	:	Last date for M.Phil. Dissertation & Viva Voce
		Application with late fee
10-08-2023	:	Submission of CIA Test I question papers (soft copy)
11-08-2023	:	M.Phil. Dissertation Softcopy Last Date
28-08-2023	:	CIA Test I begins
31-08-2023	:	M.Phil. Dissertation submission Last Date without Late Fee
01-09-2023	:	Issue of End Semester Exam Applications
04-09-2023	:	M.Phil. Viva Voce Examination
11-09-2023	:	Last Date for submission of End Semester Exam
		Applications without late fee
18-09-2023	:	Last Date for submission of End Semester Exam
		Applications with Late Fee
21-09-2023	:	Last Date for submission of CIA Test II Question Papers
		[Soft copy]
30-09-2023	:	M.Phil. Dissertation Submission Last Date with Late Fee
03-10-2023	:	Model Practical Examination Begin
09-10-2023	:	CIA Test II begins
16-10-2023	:	Time Table for End Semester Examinations
18-10-2023	:	End Semester Practical Examination begins
26-10-2023	:	Entry of Internal Assessment Marks
31-10-2023	:	Students Signing Internal Assessment Marks Register
31-10-2023	:	Issue of End Semester Examination Hall Ticket
06-11-2023	:	End Semester Examinations begin
02-12-2023	:	Publication of ESE results
08-12-2023	:	Last Date for Submission of Photocopy Applications
10-12-2023	:	Distribution of Grade Cards
14-12-2023	:	Last Date for Submission of Revaluation Applications
15-12-2023	:	Revaluation Results

VISION

To provide quality and relevant education to the poor, downtrodden and minority students with a view to uplifting the society and contributing to the development of the nation.

MISSION

- 1. To provide more and better opportunities for higher learning and research.
 - 2. To diversify courses of studies to make them more relevant to present day societal and industrial needs.
- 3. To synthesis arts and science with modern technological innovations and programmes.

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