

Department of Chemistry

Nalbari College

Knowledge Resource Centre



## Library

The departmental library of Chemistry department contains a significantly good number of books of repute.

Sl No	Section	No of Books
1	Organic	100
2	Inorganic	54
3	Physical	84



Total Books: 238



### Inorganic Chemistry section:

SL No	Author	Book Title	No. Of Book Title	Volume Of Book Title
1	Alan G. Sharpe (3 <sup>rd</sup> Edition)	Inorganic Chemistry	03	
2	Pavia	Introduction to Spectroscopy	01	
3	Banwell	Fundamental of Molecular Spectroscopy	02	
4	Bidhan Ch. Roy & Satyanarayan Das	General and Inorganic Chemistry	01	
5	Asim K. Das	Fundamental Concept of I.C	01	

6	Friendlauder, Kennedy & Miller	Nuclear & Radio Chemistry	01	
7	H. J. Arnikar	Essential of Nuclear Chemistry	02	
8	J. Barrette & M.A. Malati	Fundamental of Inorganic Chemistry	01	
9	O.P Virmani & A.K Narule	Applied Chemistry theory & Practice	01	
10	H.J Arnikar & N.S Rajukar	Nuclear Chemistry through problems	01	
11	R. Sarkar	General & Inorganic Chemistry	02	
12	Victor Gil	Orbitals in Chem- A modern guide for Students	01	
13	J. Ghosh	Fundamental concept of Applied Chemistry	01	
14	G. Svehla	Vogel's Qualitative Inorganic Analysis	01	
15	M.G Arora & M.Singh	Nuclear Chemistry	01	
16	M.C Day & J. Selvin (2 <sup>nd</sup> Ed <sup>n</sup> )	Theoretical Inorganic Chemistry	01	
17	J.D Lee	Inorganic Chemistry	04	
18	Miessler & Tarr	Inorganic Chemistry	02	
19	Shriver & Atkins	Inorganic Chemistry	03	
20	Huhee, Keitar & Keitar	Inorganic Chemistry	05	
21	Asim K. Das	Bio-inorganic	01	
22	Ajai Kumar	Chemistry of Main Group Elements	01	
23	F. A Cotton & Wilkinson	Basic Inorganic Chemistry (3 <sup>rd</sup> Edition)	01	
24	F. A Cotton & Wilkinson	Advanced Inorganic Chemistry (6 <sup>th</sup> Edition)	01	
25	Puri Sharma Kalia	Principle Inorganic Chemistry	02	
26	Gary Wulfsberg	Principle Inorganic Chemistry	01	
27	Esmarch S. Gilreath	Fundamental Concept of I.C	01	
28	B.K Sarma & H. Kaur	Thermal & radioactive Pollution	01	
29	O. P. Agarwal	Comprehensive Inorganic chemistry	01	
30	G. D Tuli & P.L Soni	Inorganic & analytical Chemistry	01	
31	Puri & Sharma	Principle Inorganic Chemistry	02	
32	R. D Madan	Modern Inorganic Chemistry	01	
33	Malik, Tuli & Madan	Selected topic in Inorganic Chemistry	01	

**B. Organic Chemistry Section:**

SL No	Author	Book Title	No. Of Book Title	Volume Of Book Title
1	Peter Sykes	Mech. In Organic Chemistry	03	
2	A.K. Das	Environmental Chemistry	02	
3	Carruthers & Coldham	Modrn Method s of Organic Synthesis	02	
4	Morrison, Boyd & S.K Bhattacharya	Organic Chemitry (17 <sup>th</sup> edition)	02	
5	I. L. Finar	Organic chemistry (Stereochemistry and Natural product)	03+01	
6	P. Y. Bruice	Organic Chemistry (8 <sup>th</sup> Edition)	01	
7	P. Y. Bruice	Organic Chemistry (7 <sup>th</sup> Ed <sup>n</sup> )	01	
8	Nelson & Cox	Lehninger Principles of Biochemistry	01	
9	Berg, Tymoczko & Stryer	Biochemistry (7 <sup>th</sup> Edition)	02	
10	Dr. Anil Potnis, Poranjpe & Asha Potnis	Textbook of Biochemistry	01	
11	Jerry March 4 <sup>th</sup> & 4 <sup>th</sup> Ed <sup>n</sup>	Advanced Organic Chemistry (4 <sup>th</sup> edition)	05	
12	P.S Kalsi	Organic reaction and mechanics	02+1	
13	Sachin Kr Ghosh	Advanced General organic chemistry	03	
14	S.N Gupta	Chemistry of Natural Products	01	
15	William Kemp	Organic Spectroscopy	02	
16	Singh Gupta and Bajpai	Experimental Organic Chemistry	01	
17	Furmiss, Hanford, Smith & Tachell	Vogels's Practical Organic chemistry	02	
18	Mendhan, Denney, Barnes Thomas	Vogal's Quantitative Chemical Analysis	01	
19	Y. R. Sharma	Organic Spectroscopy	02	
20	Pavia	Spectroscopy	01	
21	D.H Williams & I Flemming	Spectroscopic methods in organic chemistry	01	
22	B.K. Sen & Mousumi Ganguli	Introduction to organic Chemistry	01	
23	U. Satyanarayana & U. Chakrapani	Fundamental of Biochemistry	01	
24	Ayodhya Singh	Environmental Chemistry	01	
25	R. Ameta	Symmetry on group theory in chemistry	01	
26	Mukherjee & Mukopadhayay	Organic spectroscopy through solved problems	02	
27	Singh, Mukherji, & Kapoor	Organic Chemistry	02	

28	Singh, Mukherji, & Kapoor	Organic Chemistry	03	
29	Singh, Mukherji, & Kapoor	Organic Chemistry	03	
30	Pine (5 <sup>th</sup> Ed <sup>n</sup> )	Organic Chemistry	2+2	
31	Bahl & Bahl	Organic Chemistry	02	
32	Conn, Stumpfe & Bruening & Doi	Outlines of Biochemistry	03	
33	I L Finer	Problems & Their solutions in Org. Chemistry	01	
34	John McMurry	Intro to Org Chem	01	
35	Zebba N Siddiqui	Org. Reaction Mechanism And application	01	
36	Maloolm P. Stevens	Polymer Chemistry	01	
37	Di Nasipuri	Stereochemistry of Organic Compound	01+1	
38	E. L Eliel	Stereochemistry of C Compound	01	
39	R. L Madan	Org. Reaction conversion, mechanism & problems	01	
40	B.K Sen	Quantum Chemistry including Spectroscopy	01	
41	N. Tewari	Organic (Advanced) Stereochemistry	01	
42	S.N Sanyal	Reactions, Rearrangements and Reagents	01	
43	Tanya Das & Amalendu Banerjee	Nomenclature of the organic compound for beginners	01	
44	James A. Kant	Handbook of Industrial Chemistry	01	
45	Anupa Saha & Anup Pathak	Organic Chemistry	01	
46	Mehta & Mehta	Organic Chemistry	01	
47	P. S. Kalsi	Spectroscopy of Organic compounds	03+1	
48	J. H. Well	Biochemistry	02	
49	Thomas N. Sorrell	Organic Chemistry	01	
50	K. Veera Reddy	Symmetry and Stereochemistry of Molecules	01	
51	S.N Gupta	Biochemistry	01	
52	West, Tood, Mason, and Van Brygen	Textbook of biochemistry	01	
53	Solomons & Frehle	Organic Chemistry	01	
54	P.Y Bruice	Organic Chemistry	01	
55	S. M. Mukherji & S.P Singh	Reaction mechanisms in Organic Chemistry	01	
56	K.S Mukherji	Organic Chemistry	01	
57	Arthur I. Vogel	A Textbook Practical Organic Chemistry	01	
58	O.D. Sharma	Natural Products in Organic Chemistry	01	
59	Michael B. Smith & Jerry March	Organic Chemistry	01	

60	Clayden	Organic Chemistry	01	
61	I L Finar	Organic Chemistry	02	

### C. Physical Chemistry Section:

SL No	Author	Book Title	No. Of Book Title	Volume Of Book Title
1	R. K Prasad (4 <sup>th</sup> & 5 <sup>th</sup> & 3 <sup>rd</sup> )	Quantum Chemistry	02+01	
2	Atkins	The elements of Physical Chemistry	01+01	
3	I N Leuine (3 <sup>rd</sup> , 5 <sup>th</sup> , 4 <sup>th</sup> )	Physical Chemistry	01+01+1	
4	K.L Kapoor (2 <sup>nd</sup> & 4 <sup>th</sup> edition)	Physical Chemistry	03+01+01	04
5	K.L Kapoor (2 <sup>nd</sup> & 4 <sup>th</sup> edition)	Physical Chemistry	02+02	02
6	K.L Kapoor (2 <sup>nd</sup> & 4 <sup>th</sup> edition)	Physical Chemistry	02+02	03
7	K.L Kapoor (2 <sup>nd</sup> & 4 <sup>th</sup> edition)	Physical Chemistry	02+01	01
8	K.L Kapoor (2 <sup>nd</sup> & 4 <sup>th</sup> edition)	Physical Chemistry	01	05
9	K.L Kapoor (2 <sup>nd</sup> & 4 <sup>th</sup> edition)	Physical Chemistry	02	06
10	Dr. S. Pahari	Physical Chemistry	02	02
11	V.H Khanna , M.M Kapoor, V. P. Sharma	Physical Chemistry	01+01	
12	P. C. Rakshit	Physical Chemistry	01+01	
13	Silbey, Alberty, Bawardi	Physical Chemistry	01	
14	A.S Negi, S.c Anand	Physical Chemistry	01+1+1	
15	Br. S. Pahari	Physical Chemistry	01+01	01
16	R.L Madan & G.D Tulsi	Physical Chemistry (In Question Answer form)	01	
17	B. Viswanathan & P.S Raghawan	Practical Physical Chemistry	01	01
18	J. B. Yadav	Practical Physical Chemistry	01+01	
19	M. C Gupta	Statistical Thermodynamics	01	
20	David J. Griffiths	Introduction to Quantum Mechanics	01	
21	A R West	Solid State chemistry & its application	01	
22	Anutha Kaushik, C. P Kaushik,	Perspective in Environmental Studies	01	
23	A K Chandra	Introductory Quantum Chemistry	02+01	
24	J. Mendhan, R C Deaney, J D Baraes,	Vogel's Quantitative Chemistry	01	

	M. Thomas, B. Sivasankar			
25	M. S. Bhatnagar	A textbook of Polymer	01	01
26	M. S Bhatnagar	A textbook of Polymer	01	03
27	B.K Sen	Quantum Chemistry	01+03	
28	G.S Misra	Introductory polymer Chemistry	01	
29	Sanecel Glastone	Thermodynamics for Chemist	01	
30	A K De	Environmental Chemistry	01	
31	Donlad A Mcquarrie, John D Simon	Physical Chemistry	01	
32	Atkins & de Paula	Atkin's Physical Chemistry	02+1+1	
33	Colin N Banwell & Mccash	Fundamental of Molecular Spectroscopy	01	
34	V. R Gawarikar, N.V Viswanathan, Jayadev Sredhar	Polymer Science	01	
35	M. S Bhatnagar	A textbook of polymer	02	
36	Donald A McQuarrie	Quantum Chemistry (Viva Student edition)	02	
37	Atkins, Trapp, Cady & Giventa(9 <sup>th</sup> & 7 <sup>th</sup> )	Atkin's Physical Chemistry (students solution manual to accompany)	02	
38	Phillip Mathews	Advanced Chemistry (Physical & industrial)	01	
39	S S Dara	Environmental Chemistry & Pollution Control	01	
40	B.K Sharma & H. Kaur	Solid & Noice Pollution	01	
41	S. P Singh & M.K Badge	Quantum Mechanics	01	
42	Fred W. Billmeyer	Textbook of Polymer Science	01	
43	P. K Bhattacharyya	Fundamental of Quantum chemistry	01	
44	Priyabrata Lahkar & Johaali Das	Environment studies (Assamese)	02	
45	B.B Arora, Ashok Sabharwal	Environment studies (English)	02	
46	Puri Sharma Pathania	Physical Chemistry	01	