

The core committee recommended the following:

1. Mandatory GE papers - Name of 4a be changed from Data Structure to Data Structures using Python/ Data Structures using C++ — Data Structures using Python is already there. Recommendation is to add Data Structures using C++.
2. The document of Mandatory GE says GE 4a Data Structures but in renaming it says Data Structures using Python. Proposal is to make it Data Structures using Python/Data Structures using C++.
3. Guidelines for Artificial Intelligence will be required in Sem V next year.
4. Codes are required for DSEs.
5. DM 1, DM 2 and DMKD to be seen again next year
6. List of guidelines for odd semesters is as follows:

Core: BSc(H) Computer Science

DSC Semester I		Prev Name, if different
DSC 01	Object Oriented Programming using Python	Programming using Python
DSC 02	Computer System Architecture	
DSC03	Mathematics for Computing	
DSC Semester III		
DSC07	Data structures	
DSC 08	Operating Systems	
DSC 09	Computer Graphics	

DSC Semester V		Prev Name, if different
DSC 13	Algorithms and Advanced Data Structures	
DSC 14	Theory of Computation	

DSC 15	Software Engineering	
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Core: B.Sc.(P)/B.Sc. Maths. Sc.

DSC Semester I		Prev Name, if different
DSC 01	Programming Using C++	Programming Fundamentals using C++

DSC Semester III		Prev Name, if different
DSC 03	Computer System Architecture	

DSC Semester V		Prev Name, if different
DSC05	Database Management Systems	same

Core: BA(P)

DSC Semester I		Prev Name, if different
1	Programming Using C++	Introduction to Programming using C++
2	Programming using Python	Programming Fundamentals using Python

DSC Semester III		Prev Name, if different
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1	Computer System Architecture	
2	Data Mining I	

DSC Semester V		Prev Name, if different
1	Database Management Systems	same
2	Machine Learning	

Discipline Specific Electives

None in Semester I

DSE Semester III		Prev Name, if different
1	Data Analysis and Visualization using Python	Data Analysis and Visualization (DAV)
2	Microprocessors	Pending: Perhaps not opted by students in any college
3	Python Programming for Data Handling	Same as Python Programming Rename it to Object Oriented Programming using Python Or Programming using Python?
4	Android Programming Using Java	Same

DSE Semester V		Prev Name, if different
1	Data Privacy	
2	Data Mining II	
3	Data Mining for Knowledge Discovery	
4	Introduction to Web Programming	
5	Unix Network Programming	
6	Web Design and Development	

Generic Electives

GE Semester I		Prev Name, if different
GE 1A	Programming Using Python	Programming with Python
GE 1B	Programming Using C++	same

GE Semester III		Prev Name, if different
GE 3A	Database Management Systems	same
GE 3B	JAVA Programming	same

GE Semester V		Prev Name, if different
GE 5A	Operating Systems	
GE 5B	Advanced Web Programming	
GE 5C	Java Based Web App	

	Development	
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List of Contributors

List of Contributors

B.Sc(H) Computer Science : Hema Banati

BSc(P): Coordinated by Seema Aggarwal

BA (P) : Coordinated by Geeta Aggarwal

1	Object Oriented Programming using Python	Hema Banati (Dyal Singh College) Harmeet Kaur (Hansraj College) Richa Sharma (Keshav Mahavidyalaya) Meera Sharma(Swami Shraddhanand College)
2.	Computer System Architecture	Priti Sehgal (Keshav Mahavidyalaya) Seema Aggarwal (Miranda House) Anuja Soni (DDU) Ravish Sharma (PGDAV College) Sarabjeet Kaur (IP College) Sunita Chand (ANDC)
3.	Mathematics for Computing	Reena Jain, Shewta Tyagi, Charu Puri, Sameer Anand
4	Data Structures	Manisha Bansal (IP College), Maulein Pathak (KMV), Sonika Thakral (SSCBS), Sapna Grover (Dyal Singh College)
5	Operating System	Vibha Gaur (Acharya Narendra Dev College) Seema Aggarwal (Miranda House) Sujata Khatri (Deen Dayal Upadhyaya College) Bhavna Gupta (Keshav Mahavidyalaya College)
6	Computer Graphics	Priti Sehgal Keshav, Harita Ahuja ANDC, Manisha ARSD, Sapna DDU
7	Algorithms and Advanced Data Structures	Manisha Bansal (IP College), Maulein Pathak (KMV), Mansi Sood (SPMC),

		Sonika Thakral (SSCBS), Sapna Grover (Dyal Singh College)
8	Theory of Computation	Veenu Bhasin (PGDAV), Neeraj Kr. Sharma (RLA), Sonika Thakral (SS CBS)
9	Software Engineering	Vimla Parihar (IP College), Kavita Rastogi (SS CBS), Vibha Gaur (ANDC), Anita Goel (Dyal Singh College)
10	Programming Using C++	Harmeet Kaur (Hansraj College) Hema Banati (Dyal Singh College) Geeta Aggarwal (PGDAV College) Meera Sharma (Swami Shraddhanand College)
11	Database Management Systems	Hema Banati(Dyal Singh College), Neeraj Kr Sharma(RLA), Deepali Bajaj (SRCAS)
12	Programming using Python	Hema Banati (Dyal Singh College) Geeta Aggarwal (PGDAV College) Harmeet Kaur (Hansraj College) Meera Sharma (Swami Shraddhanand College)
13	Data Mining I	Anamika Gupta (SSCBS), Manju Bhardwaj (Maitreyi College), Sarabjeet Kaur (IP College), Sharanjit Kaur (ANDC)
14	Machine Learning	Rajni Bala (DDUC) Manju Bhardwaj (Maitreyi College)
15	Data Analysis and Visualization Using Python	Anamika Gupta (SSCBS) Arpita Sharma (DDUC) Hema Banati (DSC) Sharanjit Kaur (ANDC)
16	Microprocessors (Vandana RLA, Gunjan ANDC, Reema SOL) Guideline already in use	

17	Python Programming for Data Handling	Arpita Sharma, Deen Dayal Upadhyaya College. Veena Ghuriani, Maitreyi College Surbhi Khanna, Rajdhani College Sheetal Rajpal, Dyal Singh College
18	Android Programming Using Java	Harmeet Kaur (Hansraj College) Sangeeta Sethi (St. Stephen's College) Gunjan Rani (Acharya Narendra Dev College)
19	Data Privacy	Vinita Jindal(KMV), Neeraj Kr. Sharma (RLA)
20	Data Mining II	Anamika Gupta (SSCBS), Manju Bhardwaj (Maitreyi College), Sarabjeet Kaur (IP College), Sharanjit Kaur (ANDC)
21	Data Mining for Knowledge Discovery	Anamika Gupta (SSCBS), Manju Bhardwaj (Maitreyi College), Sarabjeet Kaur (IP College), Sharanjit Kaur (ANDC)
22	Introduction to Web Programming	Harmeet Kaur (Hansraj College) Aakanksha (Shaheed Rajguru College of Applied Sciences for Women) Jaya Gera (SPM College) Sunita Chand (Hansraj College) Rupali Ahuja (Maitreyi College)
23	Unix Network Programming	Anamika Gupta (Shaheed Sukhdev College of Business Studies) Nisha (Indraprastha College for Women)
24	Web Design and Development	Aakanksha (Shaheed Rajguru College of Applied Sciences for Women) Veenu Bhasin (P.G.D.A.V. College) Priti Rai Jain (Miranda House College)
25	JAVA Programming	Harmeet Kaur (Hansraj College) Richa Sharma (Keshav Mahavidyalaya)
26	Advanced Web Programming	Baljeet Kaur (Hansraj College) Aakanksha (Shaheed Rajguru College of Applied Sciences for Women) Kalpana (Maharaja Agarsen College) Veenu Bhasin (P.G.D.A.V. College)

27	Java Based Web App Development	Aakanksha (Shaheed Rajguru College of Applied Sciences for Women) Veenu Bhasin (P.G.D.A.V. College) Priti Rai Jain (Miranda House)
28	Data Interpretation and Visualization using Python	1 Prof Hema Banati (Dyal Singh College) 2 Dr. Manju Bhardwaj (Maitreyi College) 3. Dr. Jaya Gera (ShyamaPrasad Mukherjee College) 4. Dr Sheetal Rajpal (Dyal Singh College)
29	DataAnalysis and Visualization using Spreadsheet	1. Dr. Aruna Jain (Bharati College) 2. Dr. Shikha Badhani (Maitreyi College) 3. Ms. Shikha Jain (Kirori Mal College)