

**DAV University, Jalandhar**  
**Department of Computer Science & Applications**  
**Proceedings of Meeting**

**Date: 07/08/2023**

**Ref. No: DAVU/CSA/BOS/2023**

The meeting of the 12<sup>th</sup> Board of Studies in the Department of Computer Science and Applications was held on 07<sup>th</sup> August, 2023 at 4.00 PM (Admin Block), DAV University, Jalandhar. Dr. Sandeep Sharma from Gurukul Kangri University, Haridwar, Dr. Sandeep Sood from National Institute of Technology, Kurukshetra, and Mr. GChandra Mouleeswaran joined us as Industry experts. Following members were present in the meeting:

1. Dr. Sandeep Sharma (Academic Expert)
2. Dr. Sandeep Kumar Sood (Academic Expert)
3. Mr. GChandra Mouleeswaran (Industry Expert)
4. Mr. Pradeep Kumar S. (Industry Expert)
5. Dr. Arvind Mahindru (Associate Professor)
6. Dr. Sanjeev Kumar Sharma (Associate Professor)
7. Dr. Hiteshwari Sabrol (Associate Professor)

Following agenda was discussed and resolved:

**Agenda Item-I**

It was also discussed and unanimously resolved to approve the proposed outline of scheme of

- a) MCA with Specialization in SAP (Course Scheme 2023-2024) – Annexure 1.

## Annexure-I

S.No	Paper Code	Course Title	Semester 1					Cr	Academic Delivery by
			Course Type	L	T	P			
1	S4H00	SAP S/4 HANA Overview	Core	2	0	0	2	SAP-Faculty	
2	CSA519	Data Structures and File Processing	Core	4	0	0	4	DAVU Faculty	
3	S4F10	Business Process in Financial Accounting	Core	1	0	2	2	SAP-Faculty	
4	CSA521	Python Programming	Core	4	0	0	4	DAVU-Faculty	
5	S4500	Business Processes in Procurement	Core	2	0	2	3	SAP-Faculty	
6	S4600	Business Processes in Sales	Core	2	0	2	3	SAP-Faculty	
7	CSA523	Data Structures and File Processing Laboratory	Core	0	0	4	2	DAVU-Faculty	
8	CSA524	Python Programming Laboratory	Core	0	0	4	2	DAVU-Faculty	
9	CSA517	Discrete Mathematical Structures	Core	4	0	0	4	DAVU-Faculty	
							26		

## Semester 2

S.No	Paper Code	Course Title	Course Type	L	T	P	Cr	Academic Delivery by
1	CSA525	Advanced JAVA & Network Programming	Core	3	0	0	3	DAVU-Faculty
2	CSA527	Advanced Web Technology	Core	4	0	0	4	DAVU-Faculty
3	CSA577	Design and Analysis of Algorithms	Core	3	0	0	3	DAVU-Faculty
4	HA100	SAP HANA Introduction	Core	2	0	2	3	SAP-Faculty
5	HA300	SAP HANA Implementation and Modeling	Core	2	0	2	3	SAP-Faculty
6	BC400	ABAP Workbench Foundations	Core	2	0	2	3	SAP-Faculty
7	BC100	Introduction to Programming with ABAP	Core	1	0	2	2	SAP-Faculty
8	CSA528	Advanced JAVA & Network Programming Laboratory	Core	0	0	4	2	DAVU-Faculty
9	CSA529	Advanced Web Technology Laboratory	Core	0	0	4	2	DAVU-Faculty
							25	

### Semester 3

### Annexure-I

S. No	Paper Code	Course Title	Course Type	L	T	P	Cr	Academic Delivery by
1	BC301	ABAP Projects	Core	3	0	2	4	SAP-Faculty
2	HA400	ABAP Programming for SAP HANA	Core	1	0	2	2	SAP-Faculty
3	BC404	ABAP Programming in Eclipse	Core	2	0	2	3	SAP-Faculty
4	CSA628	Computer Networks and Data Communication	Core	4	0	0	4	DA/JO-Faculty
5	CSA676	Artificial Intelligence	Core	4	0	0	4	DA/JO-Faculty
6	CSAXXX	Discipline Elective I	DSE	4	0	0	4	DA/JO-Faculty
7	CSA630	Computer Networks and DataCommunication Laboratory	Core	0	0	4	2	DA/JO-Faculty
8	ENG552	Technical Writing and Communications Skills	AECC	1	0	2	2	DA/JO-Faculty
							25	


### Semester 4

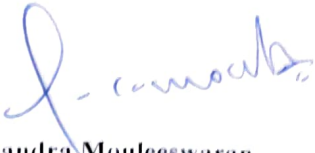
S. No	Paper Code	Course Title	Course Type	L	T	P	Cr
1	CSA720	Industrial Internship (Industrial Training report and Viva-voce)	Core	0	0	40	20
2	-----	MOOC Course	Open-Elective	4	0	0	4
							24

## Discipline Elective-I

CSA605	Data Mining and Data Warehousing
CSA606	Mobile Computing
CSA607	Emerging Trends in Information Technology
CSA608	Distributed and Parallel Processing
CSA609	Information Systems
CSA616	System Simulation and Modeling
CSA617	Embedded Systems
CSA619	Advanced Software Engineering
CSA620	Compiler Design
CSA627	Research Methodology
CSA632	Big Data Analytics
CSA633	Machine Learning
CSA634	Internet of Things
CSA635	R Programming
CSA636	Mobile Application Development
CSA637	Scientific Computing using MATLAB
CSA638	Graphics & Multimedia
CSA671	Microprocessor and Its Applications
CSA678	Digital Image Processing
CSA682	Soft Computing
CSA683	System Software
CSA691	Natural Language Processing
CSA692	Digitizing Industry knowledge for Software Development
CSA693	Cybersecurity

Signatures of members present:

  
Dr. Sandeep Sharma 7/8/23  
Professor and Head of the Department of Computer Science  
and Engineering, Guru Nanak Dev University, Amritsar.


  
Mr. GC Chandra Mouleeswaran  
Solution Architect - Training & Adoption, SAP India

  
Mr. Pradeep Kumar S.  
(Manager - Skilling & Higher Education)

*Joined Online*  
Dr. Sandeep Kumar Sood  
Associate Professor, Computer Applications, National  
Institute of Technology, Kurukshetra

  
Dr. Arvind Mahindru  
(Associate Professor and Coordinator)  
Department of Computer Science & Applications

Dr. Sanjeev Kumar Sharma  
(Associate Professor)  
Department of Computer Science & Applications

  
Dr. Hiteshwari Sabrol  
(Associate Professor)  
Department of Computer Science & Applications

MANVI  
MANVI  
(STUDENT)