

**DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES**  
**[DEEMED TO BE UNIVERSITY]**  
**Mahatma Gandhi Ayurved College Hospital and Research Centre,**  
**Salod [Hirapur], Wardha, Maharashtra.**  
**DEPT. OF SAMHITA AND SIDDHANT**  
**Course outcomes & Programs outcomes for Course**  
**PADARTH VIGYAAN EVUM AYURVED ITIHAS**

Topic - Ayurved Nirupan							
Course Outcomes	Program Outcomes						
Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO-1: Define and describe Ayu, Lakshan of Ayu, Composition of Ayu, Ayurveda, Lakshan of Ayurveda, Definition and types of Sidhhant.	02	00	02	03	01	00	02
CO-2: Define and describe basic Principles of Ayurveda and their significance.	02	00	02	01	01	02	03
No Co-relation – 00, Slight ( <b>Low</b> ) -01, Moderate ( <b>Medium</b> ) -02, Substantial ( <b>High</b> ) -03							
Topic - Darshan							
Course Outcomes	Program Outcomes						
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO-1: Define and describe Darshan, Origin and number of Darshan, Influence of Shad Darshan on Ayurved. Ayurved as an independent Maulik Darshan.	00	00	00	02	01	01	02
CO-2: Define and describe Principles of other Indian Darshanas and Darshan related to Ayurved.	00	00	00	02	01	01	02

<b>Topic - Padarth</b>							
<b>Course Outcomes</b>	<b>Program Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Padarth Vigyan, Classification of Padarth, Padarth Sankhya, Importance of the study of Padarth Vigyan.	00	00	00	02	01	01	02
CO-2: Define and describe Knowledge of bhava Padarth and abhava Padarth according to Charak.	00	00	00	02	01	01	02
CO-2: Define and describe Significance of shad padartha in Ayurved	00	00	00	02	01	01	02
<b>Topic - Dravya Vigyan</b>							
<b>Course Outcomes</b>	<b>Program Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Dravya its properties, number & types Definition of dravya, number 9 - Panchmahabhuta, Kala, Disha, Atma, Man	02	02	01	01	01	02	03
CO-2: Define and describe Nirukti, Lakshan of Panchamahabhuta, relation of mahabhuta with triguna and shadras. Characteristic features & attributes of Panchmahabhuta parasparanupravesha.	01	00	00	02	02	01	03
CO-3: Define and describe Akash Mahabhuta :- Origin, types, attributes & importance of Akash mahabhuta & Akashiya dravya.	01	00	00	02	02	01	03
CO-4: Define and describe Vayu Mahabhuta :- Origin, types, attributes & importance of vayu mahabhuta & vayviya dravya.	01	00	00	02	02	01	03
CO-5: Define and describe Teja Mahabhuta :- Origin, types attributes & importance of Teja & tejas dravya.	01	00	00	02	02	01	03
CO-6: Define and describe Jala Mahabhuta :- Origin, types, attributes & importance of jala mahabhuta & jala dravya	01	00	00	02	02	01	03
CO-7: Define and describe Prithvi Mahabhuta :- Origin, types, attributes & importance of Prithvi mahabhuta & parthiva dravya.	01	00	00	02	02	01	03

<b>Topic – Kaal nirupan</b>							
<b>Course Outcomes</b>	<b>Program Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Etymology , definition and lakshan, types , division of kaal	02	00	01	00	01	01	03
CO-1: Define and describe Significance of Kaal in Ayurved	02	00	01	00	01	01	03
<b>Topic - Disha nirupan</b>							
<b>Course Outcomes</b>	<b>Program Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe, kinds, gunas of disha	02	00	01	00	01	01	03
CO-2: Define and describe Importance of disha in Ayurved	02	00	01	00	01	01	03
CO-2: Define and describe Application of magnetic scale in disha vigyanam	02	00	01	00	01	01	03
<b>Topic - Atma</b>							
<b>Course Outcomes</b>	<b>Program Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Nirukti Lakshan, types, Parmatma or param purush, ativahika purush, sukshma shareer yukta purush or Rashi purush ,sthula shareer or Chetana yukta shareer, chikitsya purush or karma purush, samyog purush or shaddhaatwatmak purush, chaturvinshati purush.	01	00	02	02	03	01	03
CO2: Define and describe Significance& existence of Atma without shareer (Dehatirikta atmastitwa), gyan- Utpatti by Atma, gyan pravritti, Atma Utpatti.	01	00	02	02	03	01	03
CO3: Define and describe Lokpurusha samya	01	00	02	02	03	01	03
<b>Topic - Mana</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Nirupan, its lakshan, Guna, mano-vishayas, karmas & location of mana.	01	00	02	02	03	01	03
CO-2: Define and describe Importance of mana in vyadhi Utpatti. Application of mana Dravya according to Ayurved.	01	00	02	02	03	01	03
CO-3: Define and describe Tamas the tenth Dravya Description & its denial	01	00	02	02	03	01	03
<b>Topic - Guna Vigyan</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>Student should be able to-</b>	01	02	02	02	01	01	03

CO-1: Define and describe lakshan Sankhya, Vaisheshik Guna, karma samanya Guna, Adhyatmik gunas, Paradi gunas, Types & Utpatti of Shabd, Sparsh, Rupa,Rasa Gandha, samanya gunas like Guru, Laghu, Sheeta, Ushana, Snighdha, Ruksha, Manda, Teekshana, Sthira, Sara, Mrudu, Kathina, Pichhila, Visada,Drava,Sandra etc. Adhyatmik gunas like Budhhi, Sukha, Dukha, Ichha, Dwesha & Prayatna, Paradi Guna – Paratva, Aparatva, Yukti, Sankhya, Sam yoga, Vibhag, Pruthakatva, Pariman, Sanskar & Abhyas.							
CO-2: Define and describe Twenty four gunas mentioned by Nyaya -Vaisheshik darshan, Sadharmy and Vaidharmy of gunas. Gunas in Dravya, dominance of gunas.	01	02	02	02	01	01	03
CO-3: Define and describe comparison of forty one Guna of Ayurved and twenty four Guna of Vaisheshik darshan	01	02	02	02	01	01	03
<b>Topic - Karma Vigyaniya</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Lakshan & types of karma, kinds of laukik karma, types of karma according to Nyaya Darshan.	01	00	01	02	02	01	03
CO-2: Define and describe Importance of study of karma in Ayurved.	01	00	01	02	02	01	03
CO-3: Define and describe practical utility of karma in Ayurved.	01	00	01	02	02	01	03
<b>Topic - Samanya Vigyaniya</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Samanya nirupan, lakshan & types.	01	00	01	01	01	01	03
CO-2: Define and describe Vyavharika adhyana according to Ayurved.	01	00	01	01	01	01	03
CO-2: Define and describe Types of samanya as described by chakrapani	01	00	01	01	01	01	03
<b>Topic - Vishesh Vigyaniya</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Vishesh nirupan, lakshan & types.	01	00	01	01	01	01	03
CO-2: Define and describe Vyavharika adhyana according to Ayurved.	01	00	01	01	01	01	03
<b>Topic - Samvay Vigyaniya</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO-1: Define and describe Samvay lakshan.	01	00	01	01	01	01	03
CO-2: Define and describe Vyavharika adhyana according to Ayurved.	01	00	01	01	01	01	03
<b>Topic - Abhava Vigyaniya</b>							
<b>Course Outcomes</b>				<b>Course Outcomes</b>			
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO-1: Define and describe Abhava lakshan & types.	00	00	01	01	01	02	01
CO-2: Define and describe Vyavharika adhyana according (Pragabhava, Pradhvamsabhava, Anyonyabhava &Atyantabhava) to Ayurved.	00	00	01	01	01	02	01
CO-3: Define and describe Abhava acceptable darshanas.	00	00	01	01	01	02	01
<b>SUBJECT – PADARTH VIGYAN EVUM AYURVED ITIHAAS (PAPER – II)</b>							
<b>Topic - Praman Introduction</b>							
<b>Course Outcomes</b>				<b>Course Outcomes</b>			
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO-1: Define and describe Praman nirupan, Praman lakshan, Prama, Prameya, Pramata, Praman, Aprama, Smruti & Bhranti.Importance of praman. Different schools of thought of praman,	01	02	01	01	02	01	03
CO-2: Define and describe Praman accepted by Ayurved, Praman pariksha in terms of Ayurved.	01	01	01	00	02	01	03
CO-3: Define and describe Inclusion of all other Praman in four standard praman.	01	01	01	00	01	01	03
<b>Topic - Pratyaksha Praman</b>							
<b>Course Outcomes</b>				<b>Course Outcomes</b>			
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO-1: Define and describe Pratyaksha praman- Pratyaksha praman nirupan, lakshan, Gnyanotpatti Prakar	01	01	02	01	01	01	03
CO-2: Define and describe Indriya- Indriya lakshan, classification of Indriya and their Sankhya, description of Gyanendriya, Bhoutikatva of Indriya, Indriya Panch Panchak, Indriya vruttis, Trayodash Karan	01	01	02	01	01	01	03
CO-3: Define and describe Types of Pratyaksha Praman Nirvikalp & Savikalp Pratyaksha, Sannikarsh swaroop and types, Samanya lakshan Pratyasatti and Gyan lakshan Pratyasatti, Vedanadhishtan, Vedana nash hetus, Explanation of Pratyaksha through different instruments, Other praman which are helpful to Pratyaksha gyan	01	01	02	01	01	01	03
CO-4: Define and describe Importance of Antakaran in all	01	01	02	01	01	01	03

the Karan, Antakaran vruttis, Pratyaksha badhak bhava, Importance of Pratyaksha praman in Ayurved.							
CO-5: Define and describe Contribution of pratyaksha praman in other pramanas.	01	01	02	01	01	01	03
<b>Topic - Anuman praman</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Anuman praman nirupan, Anuman swaroop and lakshan, Charakokta Anuman praman lakshan & its types, Anuman praman types according to other Acharya, Panchavyav, linga Paramarsh, description of Anvaya Vyatirek and kewalanvaya, types of Anuman praman according to Nyaya darshan, Hetu swaroop and its types, Ahetu, Sadhetu, Hetwabhas	03	01	02	01	01	02	03
CO-2: Define and describe vyapti varnan, Drishtant swaroop, Tarka swaroop, Tarka mahatva, importance of Anuman praman in Ayurved.	03	01	02	01	01	02	03
CO-3: Define and describe Ahetu in charak Samhita	03	01	02	01	01	02	03
<b>Topic - Aptopdesha praman</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Aptopdesha praman nirupan, Aptopdesha pradhanatva in Ayurved, lakshan & swaroop of Aptopdesha, Agama Praman, Shastra lakshan, Itihas Pradhanta, Nighantu, shabda praman, shabda lakshan and types according to Tarka Hridayaa, shabda lakshan and types according to Charaka, description of Shabdhartha Bodhak vruttis, Vakya swaroop and Vakyartha gyan hetu, Aakansha, Yogita, Sannidhi, Shaktigraha.	01	02	02	01	01	01	03
CO-2: Define and describe Shaktigraha, vakya dosha	01	02	02	01	01	01	03
CO-3: Define and describe Acceptance of one meaning from equivocal	01	02	02	01	01	01	03
<b>Topic - Yukti praman</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Yukti praman nirupan, meaning , swaroop and lakshan, its	01	02	02	01	01	01	03
CO-2: Define and describe Need of yukti praman in Ayurved.	01	02	02	01	01	01	03
<b>Topic - Upman praman</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>

CO-1: Define and describe Upman praman nirupan, lakshan, importance of Upman in Ayurved.	02	00	01	01	01	02	03
CO-2: Define and describe Description in brief about Aarthapatti, Anuplabdhi, Abhav , Sambhav, cheshta, Parishesha, & Itihas praman.	01	00	01	01	01	03	03
CO-3: Define and describe Types of upman praman.	00	01	00	01	01	00	01
<b>Topic - Karya Karan bhava and Vividh Vaada</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Karan swaroop & bheda, Samvayi , Asamvayi & Nimita karan,importance of Karya Karan bhava in Ayurved, Satkaryavaad, Asatkaryavaad, Parmanuvaad, Vivartavaad, kshanbhanguravaad, Peelupakavaada, Pitharpakavaada, Anekanta vaad.	03	00	01	03	02	03	03
CO-2: Define and describe Smaya vaisamya vad & its utility in treatment.	03	00	01	01	02	01	02
CO-3: Define and describe Vada accepted by Buddhists - swabhavoparama vada.	01	00	00	00	02	01	03
<b>Topic - Ayurved itihas</b>							
<b>Course Outcomes</b>	<b>Course Outcomes</b>						
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
CO-1: Define and describe Introduction of Ayurved itihas	01	00	03	03	02	01	01
CO-2: Define and describe authors of classical texts	01	03	02	04	01	02	03
CO-3: Define and describe Introduction of the authors of compendiums	01	00	00	03	01	02	03
CO-4: Define and describe Introduction of the commentators of classical texts.	01	00	00	03	01	02	03
CO-5: Define and describe Introduction of the authors of modern era.	01	00	00	03	01	02	03
CO-6: Define and describe Globalization of Ayurveda	01	00	01	02	02	02	03
CO-7: Define and describe Developmental activities, committees, organizations, national institutions	00	01	02	03	01	00	00
CO-8: Define and describe Activities of WHO in the promotion of Ayurveda	01	01	03	01	01	01	02
CO-9: Define and describe National and international journals of Ayurveda	01	00	00	03	02	02	02