

DEPARTMENT OF BIOCHEMISTRY
Mahatma Gandhi Memorial Medical College, Indore (MP)

1. List of Teaching staff

List of faculty

S. No.	Name of faculty	Post	Mobile Number
1	Dr. Purnima Dey Sarkar	Prof & Head	94250-77653
2	Dr. Sangita Paneri	Professor	88713-87787
3	Dr. Rajeev Lohokare	Associate Professor	98262-44582
4	Dr. Vandana Varma	Associate Professor	97549-86507
5	Dr. Shiv Narayan Lahariya	Associate Professor	98265-57334
6	Dr Onjal Taywade	Assistant Professor	76652-77977
7	Dr. Deepasha Shahi	Assistant Professor	78695-12225
8	Dr. Deepak Verma	Demonstrator	8932-57671
9	Dr. Leena Kanthalia	Demonstrator	98266-59171
10	Dr. Pravesh Hargaonkar	Demonstrator	98272-15662
11	Dr. Khushal Bokde	Demonstrator	93027-58769
12	Dr. Shishir Urdhawaresh	Demonstrator	80852-10619

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2. Non-Teaching Staff

S. No.	नाम	पदनाम	नंबर
1.	Mrs. Mrinalini Kadam	Bio-Chemist	9406628585
2.	Mr. Deepak Pandit	Lab Technician	98272-77356
3.	Mr. Dilip Patil	Lab Technician	9977450589
4.	Mrs. Shraddha Gupta	Lab Technician	9826787974
5.	Mr. Rajendra Mishra	Lab Technician	8989124882
6.	Mr. Yogendra Kumar Buley	Lab Technician	9826185800
7.	Mr. Jitendra Suman	Lab Technician	9977819620
8.	Mrs. Ranjana Chouhan	Lab Technician	9826346340
9.	Mr. Rajnish Shukla	Lab Technician	7999355824
10.	Mrs. Sonali Gangapurkar	Lab Technician	9589120969
11.	Mr. Kamal Kishore Sharma	Lab Technician	9755266889
12.	Mrs. Meenakshi Kadam	Lab Technician	9981033298
13.	Mr. Birendra Pathak	Lab Technician	9893590408
14.	Mrs. Varsha Tare	Lab Assistant	9111426838
15.	Mr. Atul Raj	Lab Assistant	9589474532
16.	Mr. Ashvin D-Camp	Lab Assistant	9575409191
17.	Mr. Abhinandan Baghel	Lab Assistant	9977332525
18.	Mr. Narendra Sendhav	Lab Assistant	7697260894
19.	Mrs. Sonal Tomar	Lab Assistant	7389685351
20.	Mrs. Divya Patidar	Lab Assistant	7987013722
21.	Mrs. Pooja Raikwar	Lab Assistant	8770939168
22.	Mr. Dheerendra Shukla	Lab Assistant	9039483924
23.	Mr. Narendra Rathore	Lab Attendant	9993392730
24.	Mr. Devendra Kumar Mali	Lab Attendant	9993436709
25.	Mr. Mahendra Chandel	Lab Attendant	8109670129
26.	Mr. Avinash Goyal	Lab Attendant	6263983338
27.	Mr. Deepak Bandode	Lab Attendant	8109482162
28.	Mrs. Ranjana Dixit	Lab Attendant	9039236032
29.	Mr. Rakesh Charpota	Lab Attendant	9926649915
30.	Mr. Mahesh Kumar Madanlal	Ward Boy	8602516903
31.	Mr. Gopi Tamboli	Swachkshak	9826489560

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3. Sanctioned intake capacity.

MBBS- 150 Seats / year

MS Biochemistry - 2 seats / year

4. Research publication by faculty in 2018-19.

- 1 Improved serotonergic neurotransmission by genistein pretreatment regulates symptoms of obsessive-compulsive disorder in streptozotocin-induced diabetic mice. Basic Clin Physiol Pharmacol 2018;
- 2 Serum Iron and Ferritin as Diagnostic Marker of Breast Cancer” National Journal of Integrated Research in Medicine 2018;9(1) accepted for Publication eISSN: 0975-9840, pISSN:2230- 9969,
- 3 Role of resistin adiponectin, Glutamic Acid Decarboxylase (GAD) Auto-antibodies, HbA1C, Lipoproteins, Periodontal Parameters in Periodontitis and their correlation with Diabetes Mellitus. Awards of International medical and dental research, Vol(4), Issu(4) ISSN (O);2395-2822, ISSN (P);2395-2814
4. Study of 25-OH Vitamin-D Level and Bone related parameter in cardiovascular disease Patients. European Journal of pharmaceutical and Medical research,2018,5(2),XXX-XXX ISSN 2394-3211
5. Serum Vitamin-D concentration and other biomarkers status in patients with acute myocardial infraction at a tertiary cardiac care. European journal of biotechnology & bioscience. 2018; volume 6(5) :76-79.
6. Alteration of lipid profile in patients of Rheumatoid arthritis in a tertiary care hospital in central India. (JMSCR vol 07 issue 07th July 2018)
7. Correlation of serum Adiponectin, fasting serum glucose and serum insulin in samples received in tertiary care hospital in central India(JMSCR vol issue 8th August 2018)
8. A Cross section study of profile serum lipid levels in off-springs of diabetic patients in a tertiary care hospital in central India (JMSCR vol issue 9th August 2018)
9. Correlative study of serum Magnesium levels & Dyslipidemia in patients with type 2 diabetes mellitus with & without micro vascular complication in patients attending M.Y. Hospital International journal of Medical science and current Research(IJRMSCR) Volume2 Issue 3, May-June 2019 (corresponding Author)
- 10 Inflammatory markers in diabetes mellitus: A case control study in central India, Panacea journal of pharmacy and pharmaceutical sciences. July-sept 2019:8(3),01-07

1. Details of any CME program, Conferences and/or any academic activity conducted by institution.

Workshop/Conference /Seminars/organized by Department.

The department organized a guest faculty lecture by renowned orthopedic surgeon Dr. Jayant Sharma, “Importance of minerals, Biochemistry & Orthopedics” 26/04/19.

2. Workshop/Conference attended by faculty members
ACBICON -2018,24th -27th October 2018. GOA.
MP-PATHCON, Indore, 17-18TH Nov 2018.

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5. Details of affiliated university

Madhya Pradesh medical science university Jabalpur.

B). Particulars of Affiliated University

Item	University	Vice Chancellor	Registrar
Name	MPMSU	Dr. R.S. Sharma	Dr. Sanjay Totade
Address	MP Ayurvedigyan Vishwa vidhyalaya Medical College Campus, Jabalpur.	MP Ayurvedigyan Vishwavidhyalaya Medical College Campus, Jabalpur.	MP Ayurvedigyan Vishwavidhyalaya Medical College Campus, Jabalpur.
Stats	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh
Pin Code	482003	482003	482003
Phone (Off) (Res) (Fax)	917612670335 917612670333 917672670339	07612670340	07612670332
Mobile No.	-	98270-66012	08085091351
E.mail:	helpdesk@mpmsu.edu.in	vc@mpmsu.edu.in vcoffice@mpmsu.edu.in	registrar@mpmsu.edu.in

Details of PG students admitted
MDBiochemistry

Year	Name of PG student
2018	1. Dr. Kapil Raghuvanshi
2018	2. Dr. Namita Jain
2019	Nil

Award received by PG students:-

1st Prize in oral paper presentation-Dr. Bhavana Tiwari- MP-Pathcon, Indore -
November 2018

Results of examination of last one year

MBBS Batch 2018- result awaited at MPMSU, Jabalpur.

MD Biochemistry- Batch 2015-2 students admitted and both passed.

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Departmental anti ragging Committee.

Reference: - Letter no.12445/anti ragging/2019 dated: -27/07/2019

- | | |
|------------------------------|---------------|
| 1. Dr. Purnima Dey Sarkar | - Chairperson |
| 2. Dr. Sangita Paneri | -Member |
| 3. Dr. Rajeev Lohokare | -Member |
| 4. Dr. Vandana Varma | -Member |
| 5. Dr. Shiv Narayan Lahariya | -Member |
| 6. Dr. Onjal Taywade | -Member |
| 7. Dr. Deepasha Shahi | -Member |
| 8. Dr. Leena Kanthalia | -Member |
| 9. Dr. Deepak Verma | -Member |
| 10. Dr. Pravesh Hargaonkar | -Member |
| 11. Dr. Shishir Urdhawaresh | -Member |
| 12. Dr. Khushal Bokde | -Member |

DEPARTMENT OF BIOCHEMISTRY
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STATISTICS FOR THE YEAR 2019 OPD

S No	INVESTIGATIONS	Jan 2019	Feb 2019	Mar 2019	April 2019	May 2019	June 2019	July 2019	Aug 2019
1	Sugar	6277	6189	5936	6449	5837	5925	6985	6181
2	Urea	5253	3815	5415	5916	4755	4401	6296	6153
3	S.Creatinine	5175	3827	5415	5916	5183	4710	6578	6153
4	Total Bilirubin	4005	4436	4052	3961	3912	3962	3857	4283
5	Direct. Bilirubin	3790	4430	4020	3960	3912	3962	2592	4283
6	Indirect. Bilirubin	3993	4430	3955	3960	3912	3962	2592	4283
7	SGOT	3989	4370	3955	3903	3874	3876	3740	4283
8	SGPT	3993	4373	3950	3894	3874	3876	3741	4283
9	Total. Protein	3993	4297	3950	3894	3874	3876	4100	4283
10	Albumin	3993	4297	3950	3894	3874	3876	4100	4283
11	Alk. Phosphatase	3993	4297	3950	3894	3874	3388	4100	4283
12	Cholesterol	1277	1576	2082	2236	2079	2230	2473	3000
13	HDL	1266	1576	2019	2236	2079	2230	2473	2900
14	Triglycerides	1277	1576	2037	2236	2079	2230	2473	3000
15	Serum. Amylase	920	944	1233	2236	1215	1114	1334	990
16	Sodium	1149	547	1032	983	0	578	851	1015
17	Potassium	1149	547	1032	983	0	578	851	1015
18	T3	1968	1442	848	766	0	353	584	1198
19	T4	1968	1442	848	766	0	353	584	1198
20	TSH	1968	1442	848	766	0	353	584	1198
21	ABG	000	000	00	00	0	00	0	0
22	Calcium	366	475	586	834	970	764	1031	526
23	Uric acid	199	300	371	586	633	444	688	364
24	S.Phosphorus	000	00	00	00	00	00	1719	0
25	Chloride	000	00	00	00	00	00	0	0
26	TOTAL	57968	56198	57534	59445	52024	53076	62602	69155

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S No	INVESTIGATIONS	Jan 2019	Feb 2019	Mar 2019	April 2019	May 2019	June 2019	July 2019	Aug 2019
1	Sugar	9335	7911	8627	8103	9072	8704	9762	9557
2	Urea	9252	5793	8418	7917	7311	6900	9128	9461
3	S.Creatinine	9252	5793	8405	7917	8813	7434	9387	9462
4	Total Bilirubin	4971	4427	4245	3752	4576	4771	5560	4746
5	Direct. Bilirubin	4971	4401	4158	3723	4572	4831	3557	4826
6	Indirect. Bilirubin	4935	4401	4158	3723	4572	4771	3557	4826
7	SGOT	4926	4288	4051	3628	4383	4552	5481	4657
8	SGPT	4926	4287	4062	3520	4383	4552	5481	4648
9	Total. Protein	4926	4287	4064	3628	4383	4553	5488	4646
10	Albumin	4926	4295	4064	3628	4383	4148	5488	4426
11	Alk. Phosphatase	4426	4077	4045	3628	4383	4176	5488	4483
12	Cholesterol	1083	1062	1158	938	1175	1166	1628	1519
13	HDL	1083	1062	1160	938	709	812	1146	1070
14	Triglycerides	1083	1062	1160	938	1176	1166	1628	1519
15	Serum. Amylase	119	122	180	185	117	156	168	101
16	Sodium	7306	2713	6714	4949	00	2750	3994	5786
17	Potassium	7306	2713	6714	4949	00	2750	3994	5786
18	T3	335	308	199	86	00	46	88	205
19	T4	335	308	199	86	00	46	88	205
20	TSH	335	308	199	86	00	46	88	205
21	ABG	207	769	971	903	1184	896	1007	990
22	Calcium	847	645	951	829	914	887	994	811
23	Uric acid	60	66	117	96	100	99	137	88
24	S.Phosphorus	00	00	00	00	00	00	0	00
25	Chloride	00	00	00	00	00	00	00	00
26	TOTAL	82521	60697	73888	64457	61638	65441	83104	84023

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Special investigation STATISTICS FOR THE YEAR 2019

S No	INVESTIGATIONS	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Total
1	HBA1C	185	19	0	0	0	23	102	106	435
2	CRP(QUANTITATIVE)	3	3	4	3	0	0	0	0	13
3	CPK TOTAL	10	17	23	12	9	6	10	9	96
4	HOMOCYSTEINE	22	17	7	8	2	0	0	0	56
5	PHENYTOIN	5	4	0	0	0	1	1	0	11
6	MAGNESIUM	32	36	0	0	22	32	48	23	193
7	PHOSPHORUS	52	52	60	41	33	28	48	55	369
8	CERULOPLASMIN	2	1	0	0	0	0	0	0	3
9	AMMONIA BLOOD	24	0	0	0	0	0	0	0	24
10	24 HRS URINE PROTEIN	17	14	14	10	21	32	18	6	132
11	LIPASE	51	40	61	35	35	21	36	21	300
12	FERRITIN	45	74	63	57	79	48	65	45	476
13	LDH	19	0	0	0	0	0	0	0	19
14	HB ELECTROPHORESIS	17	20	32	15	28	6	15	17	150
	TOTAL	484	297	264	181	229	197	343	282	2277

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STATISTICS FOR THE YEAR 2018 OPD

S No	INVESTIGATIONS	Jan 2018	Feb 2018	Mar 2018	April 2018	May2018	June2018	July2018	Aug2018	Sept2018	Oct2018	Nov2018	Dec2018
1	Sugar	4848	4459	3941	3974	4588	4799	4688	5153	5522	6183	5051	5891
2	Urea	3784	3386	3004	3110	3590	3737	3846	4249	4495	4920	4054	4519
3	S.Creatinine	3845	3388	2932	3117	3613	3767	3849	4191	4399	4664	4001	4943
4	Total Bilirubin	2435	2286	1900	2180	2482	2632	3214	3046	3075	3220	2754	3118
5	Direct. Bilirubin	1577	1686	1659	1707	1915	2038	2628	2183	2299	2511	2056	2525
6	Indirect. Bilirubin	1577	1686	1659	1707	1915	2038	2628	2183	2275	2511	2056	2525
7	SGOT	2488	2288	2007	2314	2557	2683	3073	1041	2998	3087	2644	3073
8	SGPT	2575	1799	2297	1365	2619	2685	3081	1699	2952	3204	2660	3087
9	Total. Protein	1551	1669	1647	1686	1892	2021	2662	2108	2354	2610	2076	2738
10	Albumin	1559	1672	1649	1684	1892	2019	2646	2098	2346	2567	2054	2737
11	Globulin	1549	1672	1645	1682	1892	2019	2646	2098	2345	2567	2054	2737
12	Alk. Phosphatase	1564	1670	1650	1697	1896	2043	2122	60	2295	2504	2042	2765
13	Cholesterol	1102	864	564	791	831	953	940	1241	1142	1041	903	1035
14	HDL	284	257	330	319	260	374	301	325	386	391	356	600
15	Triglycerides	1073	830	548	791	831	945	899	1241	1146	1066	910	1018
16	LDL	284	257	358	319	260	374	301	325	386	391	356	600
17	VLDL	284	257	358	319	260	374	301	325	386	391	356	600
18	R. Ratio	284	257	358	318	260	374	301	325	386	391	356	600
19	Serum. Amylase	839	621	267	510	574	639	611	941	832	720	273	652
20	Sodium	882	842	866	846	930	1120	911	1100	1034	1132	1006	1103
21	Potassium	882	842	866	846	930	1120	911	1100	1034	1132	1006	1103
22	Chloride	882	842	866	846	930	1120	911	1100	1034	1132	1006	1103
23	T3	921	905	863	940	1092	1200	1032	1366	1220	14	1323	1447
24	T4	921	905	863	940	1092	1200	1032	1366	1220	14	1323	1447
25	TSH	921	905	863	940	1092	1200	1032	1366	1220	14	1323	1447
26	Calcium	171	91	43	85	41	60	137	60	147	241	123	192
27	Uric acid	150	131	125	88	149	152	106	136	170	198	201	175
	TOTAL	39270	36479	34139	36137	40423	43728	46813	42426	49182	48816	43967	53780

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STATISTICS FOR THE YEAR 2018 IPD

S No	INVESTIGATIONS	Jan 2018	Feb 2018	Mar 2018	April 2018	May2018	June 2018	July 2018	Aug2018	Sept2018	Oct2018	Nov2018	Dec2018
1	Sugar	6346	6416	6477	6013	6713	7129	6672	9666	9673	10015	8703	8795
2	Urea	6124	6273	6466	5957	6657	7075	6620	9559	9461	9824	8585	8641
3	S.Creatinine	6128	6062	6467	5957	6663	7078	6623	9559	9456	9826	8585	8640
4	Total Bilirubin	3276	3361	3583	3126	3711	4109	3631	5311	5029	5149	4129	4383
5	Direct. Bilirubin	2781	2782	3485	3055	3637	3793	3490	5311	5019	4685	4073	4010
6	Indirect. Bilirubin	2783	2812	3483	3075	3634	3793	3490	5311	5019	4685	4073	4010
7	SGOT	3177	6416	3468	2975	3552	3959	3537	5166	4803	4975	4049	4386
8	SGPT	3178	6273	3475	2981	3555	3959	3537	5166	4801	4976	4045	4386
9	Total. Protein	3187	3236	3479	2978	3552	3962	3539	5166	4799	4950	4045	4277
10	Albumin	3186	3238	3482	2979	3552	3962	3539	5166	4799	4950	4046	4277
11	Globulin	3186	3238	3478	2978	3552	3962	3539	5166	4799	4950	4046	4277
12	Alk. Phosphatase	2283	3234	3401	2977	3554	3962	3536	5166	4800	4943	4048	4354
13	Cholesterol	755	667	719	618	856	1029	927	1471	1627	1473	1482	1091
14	HDL	345	514	688	478	821	1013	927	1471	1627	1473	1473	1072
15	Triglycerides	747	667	719	616	856	1029	927	1471	1627	1473	1473	1072
16	LDL	345	514	688	478	821	1013	927	1471	1627	1473	1473	1072
17	VLDL	345	514	688	478	821	1013	927	1471	1627	1473	1473	1072
18	R. Ratio	345	514	688	478	821	1013	927	1471	1627	1473	1473	1072
19	Serum. Amylase	120	119	123	96	125	91	62	130	161	103	103	184
20	Sodium	4789	4694	4689	4725	5063	5516	4953	7330	7446	6605	6577	5400
21	Potassium	4789	4694	4689	4725	5063	5516	4953	7330	7446	6605	6577	5400
22	Chloride	4789	4694	4689	4725	5063	5516	4953	7330	7446	6605	6577	5400
23	T3	287	249	244	219	233	274	230	367	372	5	268	361
24	T4	287	249	244	219	233	274	230	367	372	5	268	361
25	TSH	287	249	244	219	233	274	230	367	372	5	268	361
26	ABG	653	656	806	504	506	607	551	47	537	851	691	845
27	Calcium	1153	1021	1094	957	1421	1909	1168	923	982	839	705	782
28	S.Phosphorus	0	0	0	0	0	0	0	0	0	0	0	0
29	Uric acid	30	45	53	45	51	48	46	99	108	753	48	175
	TOTAL	65701	73401	71809	64631	75319	82878	74691	108829	107462	104426	93360	90111

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Annual Statistics- special stats. 2018

S No	INVESTIGATIONS	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec	Total
1	HBA1C	158	163	208	129	141	238	162	219	174	3	160	183	1938
2	CRP(QUANTITATIVE)	11	12	10	10	8	12	11	8	1	2	4	4	93
3	CPK TOTAL	18	11	10	9	16	11	11	9	6	3	11	18	133
4	HOMOCYSTEINE	10	3	11	17	17	19	18	8	17	16	17	23	176
5	PHENYTOIN	3	1	2	1	0	3	3	3	1	5	1	5	28
6	MAGNESIUM	6	26	24	23	43	36	11	24	25	39	38	52	347
7	PHOSPHORUS	61	65	52	39	50	52	43	69	69	63	51	56	670
8	CERULOPLASMIN	3	0	4	9	6	11	7	13	7	3	5	7	75
9	AMMONIA BLOOD	19	13	16	14	11	19	11	33	21	23	14	19	213
10	24 HRS URINE PROTEIN	21	12	0	4	19	7	5	13	11	9	18	32	151
11	LIPASE	36	45	34	31	30	36	25	37	51	44	34	6	409
12	FERRITINE	13	4	65	40	45	58	75	70	9	0	46	54	479
13	LDH	0	0	0	0	0	0	0	0	0	0	8	28	36
14	HB ELECTROPHORESIS	0	0	0	0	0	0	0	0	10	5	11	8	34
	TOTAL	359	355	436	326	386	502	382	506	402	215	418	495	4782

Dr.Purnima Dey Sarkar
Professor and Head
Department of Biochemistry
MGM Medical College, Indore