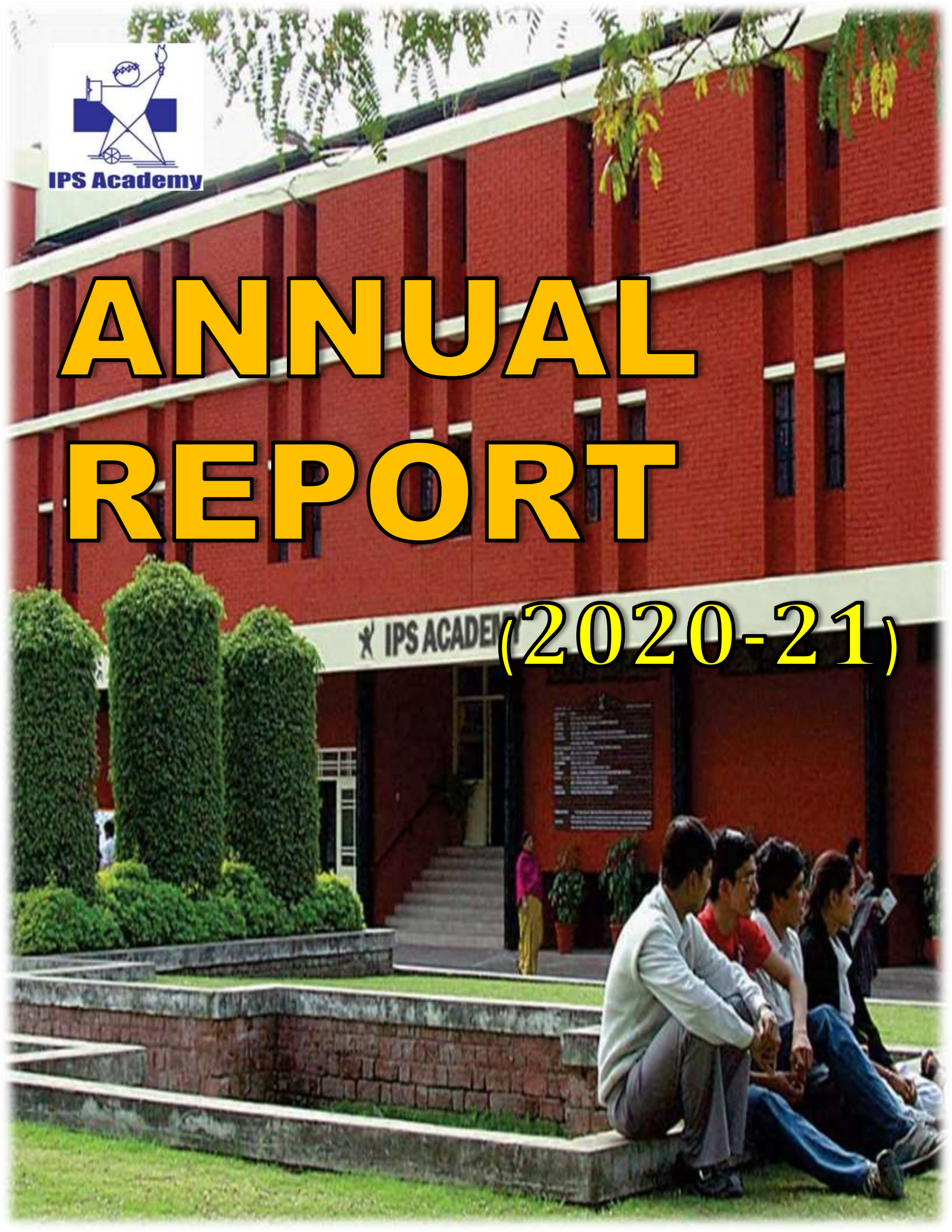




ANNUAL REPORT

IPS ACADEMY (2020-21)



IPS ACADEMY, INDORE
ANNUAL REPORT
2020-2021

1. INSTITUTIONAL PROFILE

1.1 Preamble

IPS Academy, is one of the premier educational institutes in Central India imparting education in the field of basic sciences, commerce and arts.

Science stream started in the year 2001 with a solo course in M. Sc. Physics under the guidance of Prof. Babulal Saraf, an eminent educationist and master experimenter. Since then the faculty of science has seen phenomenal growth and today offers courses at both undergraduate and postgraduate levels in Biotechnology, Chemistry, Computer Science, Electronics, Mathematics, Physics, Pharmacy and Library Science. Since its commencement, the faculty of sciences, IPS Academy has endeavored to set standards per excellence by providing quality education in various branches of science with the assistance of well qualified and experienced faculty members. To get hands-on experience of various experimental and analytical techniques in different streams of sciences the institute has the advantage of providing state - of - art science laboratories.

The department of commerce was established in the year 1994 with the motive of providing skilled professionals with specialization to serve the industry. Department of Commerce, IPS Academy offers ample opportunities to study all aspects of business and commerce. The curriculum strikes perfect balance between theoretical principles and practical aspects. The Department of Commerce always looks towards the future, providing state-of-the-art facilities. The department serves to aspirants seeking access to the highest quality business education to achieve their intellectual and professional goals. We place right and proper emphasis on academic development and success.

Along with regular courses, college runs various value-added courses also for skill development to enhance the capabilities of the students to make them skilled for employment. The Physics Department designs and fabricates innovative equipment for the students' laboratory purpose and even supplies to other educational institutes. Students of physics, design and fabricate the electronic kits under the skill development project. The students of chemistry prepare eco-friendly products such as detergents/soaps, tinctures etc. Numerous MoUs have been signed over the years to enhance teaching and research.

With the right emphasis on skills and practical opportunities, the placement records are high and our students get well-deserved placements in various companies and organizations of repute.

1.2 Vision and Mission:

Vision

IPS Academy aims to be a world-class global university, dedicated to the creation, application dissemination of knowledge, skills, the spirit of competitive excellence, building up generations of global citizens, and value-driven professionals for the corporate world..

Mission

1. To create professional manpower of the highest order for meeting the current and future demand for the industry.
2. To nurture entrepreneurship capabilities amongst the students creating job providers instead of job seekers. To foster research and development culture in close interaction with the industry promoting synergetic partnership with the industry.

1.3 PROGRAM OFFERED

Program code	Program Name	Course code	Course Name	Year of introduction
C065	B.Sc.	C065	Biotechnology, Chemistry, Computer Science	2003-2004
C260	B.Sc.	C260	Life science, Chemistry, Biotechnology	2011-2012
C116	B.Sc.	C116	Physics, Chemistry, Maths	2019
C137	B.Sc.	C137	Physics, Maths, Computer Science	2002
C144	B.Sc.	c144	Physics, Maths, Electronics	2003
C030	BCA	C030	COMPUTER APPLICATION	1996
C032	B.Com.	C032	B.Com.Plain	1994
C227	B.Com.	C227	B.Com. Foreign Trade	2004-2005
C198	B.Com.	C198	B.Com. Computer Application	2005-2006
C248	B.Com.	C248	B.Com. Honours	2007-2008
C226	B.Com.	C226	B.Com. Taxation	2015-2016
C028	B.A.	C028	B.A. Tourism	2004
C054	M.Sc.	C054	Physics	2002
C042	M.Sc.	C042	Biotechnology	2007-2008
C051	M.Sc.	C051	Microbiology	2013-2014
C044	M.Sc.	C044	Chemistry	2003
C053	M.Sc.	C053	Pharmaceutical Chemistry	2012
C050	M.Sc.	C050	Mathematics	2008
C031	M.Com.	C031	M.Com. Plain	2015-2016
C249	B.LIB	C249	B.LIB	2009
C290	PGDFDM	C290	PG Diploma in Fashion Designing and Marketing	2006
C276	MSW	C276	Master of Social Work	2020-21

1.4.1 ADMISSION PROCEDURE:

Online Admission through M.P.Higher Education Department, Govt. of MP.

1.4.2 FEE STRUCTURE:

S. No.	Course	Fee
1.	B.Sc. (Physics/Chemistry/Maths)	37,250/-
2.	B.Sc. (Biotechnology, Chemistry, Computer Science)	37,250/-
3.	B.Sc.(Biotechnology, Chemistry, Life Science)	37,250/-
4.	B.Sc. (Computer Science/Maths/Phy)	37,250/-
5.	B.Sc. (Electronics/Maths/Phy)	37,250/-
6.	M.Sc. Biotechnology	70,250/-
7.	M.Sc. Microbiology	60,250/-
8.	M.Sc. Chemistry	45,250/-
9.	M.Sc. Pharmaceutical Chemistry	40,250/-
10.	M.Sc. - Physics	35,250/-
11.	M.Sc.(Mathematics)	30,250/-
12.	MSW	29,250/-
13.	B.Lib.	29,250/-
14.	B. Com. Plain	42,100/-
15.	B. Com.(Computer Appli.)	45,100/-
16.	B. Com .F. T	43,100/-
17.	B. Com. Hons.	70,100/-
18.	B. Com.Taxation	50,100/-
19.	M.Com.	24250/-
20.	PGDFDM	47000/-
21.	BA (TT)	39250/-

1.5 List of Department:

S. No.	Department
1	Mathematics
2.	Biotechnology
3.	Physics
4.	Chemistry
5.	Social work
6.	Library Science.
7.	Commerce
8.	Travel and Tourism
9.	Computer
10.	Fashion

1.6 Institute Chapter and Membership NIL

1.7 Institute Achievements / Awards

Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies
Best lecturer award	Best lecturer award to Dr. Sultana Razia	Deccan Environmental Research Organisation (DERO)
Food distribution	Acknowledgment Letter	Robin Hood Army, Indore
Sustainable Building	5 GEM awards	Assocham

1.8 Peer Perception:

- Acquired 75 th Rank among top 100 Science Colleges by India Today Survey-2021.
- Ranked 8th position in West zone of India and attained 53rd in all over India by The Week – 2021.

2. STUDENTS

2.1 Online Admission By Department Of Higher Education, Govt. Of M.P

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B.Sc. (PCM)	C116	60	19
B.Sc. (BT)	C065	120	19
B.Sc. (LS)	C260	60	28
B.Sc. (CS)	C137	120	60
B.Sc. (Elex)	C144	30	10
B.Com. Plain	C032	120	32
B.Com. Hons.	D418	120	79
B.Com. (C.A.)	C198	120	50
B.Com. Tax	C226	60	38
B.Com. F.T.	C227	60	25
B.A. (TT)	C028	60	24

BCA	C030	120	42
B.LIB.	C249	30	4
M.Com.	C031	30	9
PGDFDM	C290	20	5
M.Sc. (Chem)	C044	40	34
M.Sc. (Phar. Chem)	C053	20	8
M.Sc. (Biotech)	C042	20	19
M.Sc. (Microbiology)	C051	20	20
M.Sc. (Matheatics)	C050	30	19
M.Sc. (Physics)	C054	30	18
MSW	C276	40	2

2.2 Number of actual students admitted from the reserved categories

Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
266	213	186	665	-	36	27	215	286	-

2.3 Outreach and Inclusivity:

S. No	Type of activity	No. of students	Date	Organization
1.	Awareness program for farmers on proportionate use of pesticides	6	30/1/2021	Nihalpurmundi rural areas (Chemistry Students)
2.	Education awareness program for under privileged	10	6/2/2021	Rural areas (Chemistry Students)
3	Science Popularization program: Demonstration of laboratory equipment and science practical	15	27 Jan-15 Feb 2021	Government Schools (ISR)
4	Industrial visit for Post graduate students	40	10/02/2021	PG Tech. Indore (Chemistry Students)
5.	“International Human Rights Day” (Poster Competition &Expert talk)	68	10/12/2020	ISR
6	NSS activities	25	Sep.2020	ISR

2.3.1 Scholarship

Scholarship (OBC/SC/ST/National):

Name of the scheme	Number of students benefited by government scheme and amount	
	Number of students	Amount
National Scholarship : Minority and 80% above	45	450000
Post metric scholarship scheme for OBC,SC,ST	436	3412714
Single Girl Child	1	36000

2.3.2 Fee Exemption

S.No.	Computer code	Student name	Program	Course/Specialisation	Year	Amount
1	44963	JIGYAS MISHRA	B.Sc.	Physics, Maths, Electronics	3rd	12000
2	47393	PRATHVIRAJ SINGH RATHORE	B.Sc.	Physics, Maths, Electronics	2nd	4000
3	46085	TANVI PANDE	B.Sc.	Bitechnology, Chemistry, Life Science	3rd	7000
4	50993	AMISHA PATEL	B.Sc.	Physics, Chemistry, Mathematics	1st	5000
5	51293	RITIK KUMAR JAMRE	B.Sc.	Physics, Chemistry, Mathematics	1st	5000
6	53620	SHRISHTI SHARMA	B.Sc.	Physics, Chemistry, Mathematics	1st	5000
7	49130	VAIBHAV SHRIVASTAVA	B.Sc.	Physics, Chemistry, Mathematics	2nd	7800
8	51361	ASHUTOSH TIWARI	B.Sc.	Physics, Maths, Computer Science	1st	4000
9	52670	SATYAM PAL	B.Sc.	Physics, Maths, Computer Science	1st	4000
10	52815	NEETESH SINGH RAJPUT	B.Sc.	Physics, Maths, Computer Science	1st	4000
11	44679	KHUSHBU VISHWAKARMA	B.Sc.	Physics, Maths, Computer Science	3rd	7200
12	50777	MUSKAN PORWAL	B.Sc.	Bitechnology, Chemistry, Computer Science	1st	9310
13	47374	RITIK PAWAR	B.Sc.	Bitechnology, Chemistry, Computer Science	2nd	10000
14	48965	KULDEEP VISHWAKARMA	M.Sc.	PHARMA CHEMISTRY	2nd	4000
15	48966	NIRMAL KUSHWAHA	M.Sc.	PHARMA CHEMISTRY	2nd	4000
16	51546	RITIK PATIDAR	M.Sc.	PHARMA CHEMISTRY	1st	3000
17	51008	ANUSHKA	M.Sc.	Biotechnology	1st	1000

		MISHRA				
18	51447	NILANJALI PANWAR	M.Sc.	Biotechnology	1st	2000
19	51601	PAYAL SHARMA	M.Sc.	Biotechnology	1st	2000
20	51687	NISHITA CHITLANGYA	M.Sc.	Biotechnology	1st	1000
21	51690	DIKSHA TIWARI	M.Sc.	Biotechnology	1st	2000
22	51694	ANAMIKA SINGH	M.Sc.	Biotechnology	1st	2000
23	51791	MANSI MALVIYA	M.Sc.	Biotechnology	1st	2000
24	51058	NAMAN JAIN	M.Sc.	Chemistry	1st	2000
25	51150	ROSHNI CHOYAL	M.Sc.	Chemistry	1st	6000
26	51593	AMISHA SHARMA	M.Sc.	Chemistry	1st	2000
27	51595	CHANCHAL YADAV	M.Sc.	Chemistry	1st	5000
28	51596	CHETNA KUSHWAH	M.Sc.	Chemistry	1st	5000
29	51603	NEELAM THAKRE	M.Sc.	Chemistry	1st	5000
30	51635	SHUBHAM CHOUHAN	M.Sc.	Chemistry	1st	5000
31	51868	AKSHAY SARATKAR	M.Sc.	Chemistry	1st	5000
32	52668	SHRAWAN KUMAR PANDEY	M.Sc.	Chemistry	1st	5000
33	52707	KRISHNAKANT SHARMA	M.Sc.	Chemistry	1st	2000
34	52811	ANKIT SOLANKI	M.Sc.	Chemistry	1st	2000
35	51085	ATUL KUMAR SINGH	M.Sc.	Microbiology	1st	2000
36	51551	ANMOL PATIDAR	M.Sc.	Microbiology	1st	2000
37	51552	RITISHA TOKE	M.Sc.	Microbiology	1st	2000
38	51554	ADITYA SHARMA	M.Sc.	Microbiology	1st	2000
39	50287	ABHILASH DUBEY	M.Sc.	Physics	2nd	4400
40	50885	SHIVANI GEETE	M.Sc.	Physics	1st	2000
41	51063	PRAFULLA JOSHI	M.Sc.	Physics	1st	6000
42	53623	ANJALI RATHOR	M.Sc.	Physics	1st	4000
43	53806	BHAGVANT NAGAR	M.Sc.	Physics	1st	2000
44	51041	JAINAB KHAN	M.Sc.	Maths	1st	5000
45	51691	ALIYA QURESHI	M.Sc.	Maths	1st	5000
46	51692	RITU REKWAR	M.Sc.	Maths	1st	5000
47	51074	Arti Goutam	PGDFDM	Fashion Designing	1st	8000
48	52237	AMAN RAMGOPAL PATEL	B.COM	Plain	1st	16425

49	52245	KAVITA SHARMA	B.COM	Plain	1st	8210
50	45108	SRAJAN SHARMA	B.COM	Plain	3rd	15425
51	47059	ISHAAN SATISH BHATI	B.COM	Plain	3rd	15425
52	47061	KUSHAGRA SWAMI	B.COM	Plain	3rd	15425
53	47745	SHIVANI RATHORE	B.COM	Plain	2nd	9255
54	47746	TANAY JAIN	B.COM	Plain	2nd	15425
55	49275	MONISH PAL	B.COM	Plain	2nd	15425
56	50422	ABHISHEK KAROLE	B.COM	Plain	2nd	14100
57	50435	KARTIK SEWANI	B.COM	Plain	2nd	15425
58	50659	KHUSHAL GHARPURE	B.COM	Plain	2nd	9100
59	52183	ADITYA RAJAK	B.COM	Computer Application	1st	3585
60	53815	HARSH YADAV	B.COM	Computer Application	1st	17925
61	53816	AYUSH YADAV	B.COM	Computer Application	1st	17925
62	44597	CHETAN PARDESHI	B.COM	Computer Application	3rd	23137
63	45102	KUNAL SONI	B.COM	Computer Application	3rd	5000
64	46991	ANGURI LODHI	B.COM	Computer Application	3rd	6170
65	47013	RADHIKA BATHAM	B.COM	Computer Application	3rd	15425
66	50466	MOHD. DILSAD	B.COM	Computer Application	2nd	17925
67	52223	HRISHABH CHIMANIYA	B.COM	Foreign Trade	1st	16925
68	44617	ASHISH YADAAV	B.COM	Foreign Trade	3rd	22875
69	44620	SHASHANK CHOUHAN	B.COM	Foreign Trade	3rd	15425
70	47715	CHETAN PATEL	B.COM	Foreign Trade	2nd	15425
71	50519	PRATI KSHA PUROHIT	B.COM	Foreign Trade	2nd	15425
72	50522	SAKINA KOTAWALA	B.COM	Foreign Trade	2nd	3085
73	50555	ABDUL BASIT GHORI	B.COM	Foreign Trade	2nd	15425
74	52140	AASHITA AGRAWAL	B.COM	Honors	1st	9127
75	52141	ADITYA JAIN	B.COM	Honors	1st	29050
76	52145	AMISHA KHATRI	B.COM	Honors	1st	12170
77	52153	DARSH YADAV	B.COM	Honors	1st	9127
78	52175	SHIVENDRA SHARMA	B.COM	Honors	1st	29050
79	52294	NIHARIKA YADAV	B.COM	Honors	1st	12170
80	53461	RAJEEV MEENA	B.COM	Honors	1st	30425
81	43981	ISHIKA JAIN	B.COM	Honors	3rd	64100

82	43993	ABHISHEK SINGH YADAV	B.COM	Honors	3rd	30425
83	44002	ARIHANT JAIN	B.COM	Honors	3rd	14000
84	49195	MAYANK DUBEY	B.COM	Honors	2nd	30425
85	49204	PRIYANKA CHATURVEDI	B.COM	Honors	2nd	18255
86	49211	RAJVEER PAWAR	B.COM	Honors	2nd	30425
87	50648	SHARAD SALKE	B.COM	Honors	2nd	30425
88	50668	AADITYA AITHANI	B.COM	Honors	2nd	30425
89	52262	KHUSHI PATEL	B.COM	Taxation	1st	15025
90	52773	GURJYOT SINGH BIRDI	B.COM	Taxation	1st	12255
91	44074	MANISH HARODE	B.COM	Taxation	3rd	20425
92	50547	TULIKA PANDEY	M.COM	Plain	2nd	5425
93	52780	DEEPAK PICHODWAL	M.COM	Plain	1st	19250
94	50774	MANISH RATHORE	BCA	Computer Application	2nd	8600
95	50974	SHIVAM SHARMA	BCA	Computer Application	2nd	10000
96	51980	DHRUV GILKE	BCA	Computer Application	2nd	8600
97	53448	ADITYA KAUSHIK	BCA	Computer Application	2nd	9250
98	51409	VARUN AHIRWAR	B.A.	Travel and Tourism	1st	15000
99	51648	ROHAN JAISWAL	B.A.	Travel and Tourism	1st	12000
100	47775	LAKSHMI VERMA	B.A.	Travel and Tourism	2nd	3000
101	48600	VIDHI MANDLOI	B.A.	Travel and Tourism	2nd	15000
102	50367	YASHASWI DIXIT	B.A.	Travel and Tourism	2nd	15000

2.4 Pass percentage:

Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Percentage
C068	B.Sc.	55	55	100%
C260	B.Sc.	47	47	100%
C137	B.Sc.	55	55	100%
C144	B.Sc.	26	26	100%
D418	B.Com.	73	73	100%
C198	B.Com.	67	67	100%
C227	B.Com.	48	48	100%
C032	B.Com.	61	61	100%
C226	B.Com.	50	50	100%

0C30	BCA	66	66	100%
C028	B.A	38	38	100%
C249	B.LIB	4	4	100%
C044	M.Sc	31	31	100%
C053	M.Sc.	10	10	100%
C054	M.Sc.	17	17	100%
C042	M.Sc.	20	20	100%
C051	M.Sc.	5	5	100%
C050	M.Sc.	13	13	100%
C031	M.Com.	5	5	100%
C290	PGDFDM	10	10	100%

2.5 Placement

S.No.	Name of student placed and contact details	Program graduated from	Name of the employer with contact details	Pay package at appointment
1	Devansh Khare, 9131075171	BCA	Delloitte	3.8 LPA
2	Bhavya Patidar, 8889437790	BCA	Wipro	3.5 LPA
3	Rasika Jain, 9413945086	BCA	TCS	2.22 LPA
4	Shivam Chatuvedi 9755235911	B.Sc.	Delloitte	3.8 LPA
5	Stuti Sharma, 9406831032	B.Com. Honours	Upgrad Company	3.00 LPA
6	Devangi Singhal, 9826325991	B.Com. Honours	Upgrad Company	3.00 LPA
7	Anubha Tiwari, 8357014553	B.Com. Honours	Upgrad Company	3.00 LPA
8	Sanya Hashani, 9754411300	B.Com. Honours	Upgrad Company	3.00 LPA
9	Bhawarth Malviya, 9981334594	B.Com. Comp. Application	iNSPiRE NGRT System Pvt. Ltd.	2.28 LPA
10	Itisha Solanki, 9926611009	B.Com. Foreign Trade	TCS	2.00 LPA
11	Preeti Sharma, 8269029645	B.Com. Honours	Collabera	2.22 LPA
12	Anvit Kour Rajpal, 9753393039	B.Com. Honours	Planetspark	6.50 LPA

13	Riya Chhabadia, 9340441049	B.Com. Honours	Planetspark	6.50 LPA
14	Arihant Jain, 8461939770	B.Com. Honours	Byju's	10.00 LPA
15	Devang Neema, 7000981948	B.Com. Plain	Byju's	10.00 LPA
16	Kuldeep Singh Chundawat, 7974475733	B.Com. Honours	Byju's	10.00 LPA
17	Riya Chhabadia, 9340441049	B.Com. Honours	Vedantu	3.30 LPA
18	Raghvendra Bhope 7869185799	M.Sc. Chemistry	Ajanta Pharma	0.96 LPA
19	Tripti Tiwari 9770928757	M.Sc. Chemistry	Ajanta Pharma	0.96 LPA
20	Amit Arora 9425975540	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
21	Ishika Jain 8989522975	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
22	Krishna Sharma 8964803023	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
23	Nikhil Gehlot 9993692306	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
24	Saloni Jain 9111385322	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
25	Shivangi Tiwari 8109032454	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
26	Shivani Mandloi 7722825757	M.Sc. Chemistry	Mylan Laboratories	3.25 LPA
27	Vishakha Joshi 9479426640	M.Sc. Pharma Chemistry	Mylan Laboratories	3.25 LPA
28	Gagan Likhitkar 7440515653	M.Sc. Chemistry	Bakersville India Pvt. Ltd.	1.8 LPA
29	Nirmal Kushwah 9644078756	M.Sc. Pharma Chemistry	Lupin Ltd. Pithampur	1.5 LPA
30	Arjun Patidar 7690055684	M.Sc. Pharma Chemistry	Macsen drugs	1.5 LPA
31	Sagar Nahar 8770075324	M.Sc. Chemistry	Bansal Classes	1.5 LPA
32	Rishabh Singh Sikarwar 8120228486	M.Sc. Chemistry	Vadodara	1.5 LPA

33	Sruthi P. Raj 9399142703	B.Sc.	HCL Collabera Services Private Limited, Vadodara, Gujarat	2.22 LPA
34	Madhu Pal 9685513411	M.Sc.	Byju's	8 LPA
35	HARSHA SHRIVASTAVA	M.Sc.	ICAR-Indian institute of Soyabean research, Indore	3 LPA
36	Divita Rajore	B.Sc.	TaskUs India Private Limited, Indore	2.51 LPA
37	YASHI SEHGAL	B.LIB	VIKRANT COLLEGE	1.2 LPA
38	Arti Goutam	PGDFDM	Jan Shikshan Sansthan Indore	0.48 LPA

2.6 Student progression to higher education*

S.No.	Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
1	Bhagwant Nagar	B.Sc.	IPS Academy	M.Sc. Physics
2	Kamal Munia	B.Sc.	IPS Academy	M.Sc. Physics
3	Shivani Geete	B.Sc.	IPS Academy	M.Sc. Physics
4	Prafulla Joshi	B.Sc.	IPS Academy	M.Sc. Physics
5	Pragati Katare	B.Sc.	IPS Academy	M.Sc. Mathematics
6	Anamika Singh	B.Sc.	IPS Academy	M.Sc. Biotechnology
7	Anushka Mishra	B.Sc.	IPS Academy	M.Sc. Biotechnology
8	Debosmita Saha	B.Sc.	IPS Academy	M.Sc. Biotechnology
9	Diksha Tiwari	B.Sc.	IPS Academy	M.Sc. Biotechnology
10	Manshi Malviya	B.Sc.	IPS Academy	M.Sc. Biotechnology
11	Nishita Chtangya	B.Sc.	IPS Academy	M.Sc. Biotechnology
12	Pawan Solanki	B.Sc.	IPS Academy	M.Sc. Biotechnology
13	Payal Sharma	B.Sc.	IPS Academy	M.Sc. Biotechnology

14	Twinkle Patel	B.Sc.	IPS Academy	M.Sc. Biotechnology
15	Aditya Sharma	B.Sc.	IPS Academy	M.Sc. Microbiology
16	Anmol Patidar	B.Sc.	IPS Academy	M.Sc. Microbiology
17	Atul Kumar Singh	B.Sc.	IPS Academy	M.Sc. Microbiology
18	Dev Sharma	B.Sc.	IPS Academy	M.Sc. Microbiology
19	Ritisha Toke	B.Sc.	IPS Academy	M.Sc. Microbiology
20	Amisha Sharma	B.Sc.	IPS Academy	M.Sc Chemistry
21	Ankit Solanki	B.Sc.	IPS Academy	M.Sc Chemistry
22	Bhavya JPilal	B.Sc.	IPS Academy	M.Sc Chemistry
23	Krishnakant Sharma	B.Sc.	IPS Academy	M.Sc Chemistry
24	Naman Jain	B.Sc.	IPS Academy	M.Sc Chemistry
25	Ritika Khatri	B.Sc.	IPS Academy	M.Sc Chemistry
26	Saloni Tiwari	B.Sc.	IPS Academy	M.Sc Chemistry
27	Upasna Goud	B.Sc.	IPS Academy	M.Sc Chemistry
28	Durgesh Nandani Mishra	B.Com.	IPS Academy, IBMR	MBA
29	Anuj Dalal	B.Com.	IPS Academy, IBMR	MBA
30	Aishwarya shukla	B.Com.	IPS Academy, IBMR	MBA
31	Sneha pant	B.Sc.	IPS Academy, IBMR	MBA
32	AMIT BADODIYA	BCA	IPSA School of Computers	MCA
33	BHUPENDRA CHOUDHARY	BCA	IPSA School of Computers	MCA
34	CHARU MATI BODH	BCA	IPSA School of Computers	MCA
35	HIMANSHU PATIDAR	BCA	IPSA School of Computers	MCA
36	HIMANSHU RATHORE	BCA	IPSA School of Computers	MCA
37	KIRAN THAKUR	BCA	IPSA School of Computers	MCA
38	KIRTESH PANCHAL	BCA	IPSA School of Computers	MCA

39	MRINALINI MISHRA	BCA	IPSA School of Computers	MCA
40	PRAJWAL SHARMA	BCA	IPSA School of Computers	MCA
41	RISHABH JOSHI	BCA	IPSA School of Computers	MCA
42	ROHIT RATHORE	BCA	IPSA School of Computers	MCA
43	SAKSHI SINGH	BCA	IPSA School of Computers	MCA
44	SHUBHAM ARYA	BCA	IPSA School of Computers	MCA
45	SIDDHARTH JOSHI	BCA	IPSA School of Computers	MCA
46	HIMANSHU TOMAR	B.Sc.	IPSA School of Computers	MCA
47	YACHNA ARYA	B.Sc.	IPSA School of Computers	MCA
48	RISHABH GAUTAM	B.Sc.	IPSA School of Computers	MCA
49	RISHIKA ARYA	B.Sc.	IPSA School of Computers	MCA
50	Krishna Gopal Agrawal	B.Com.	DAVV, Indore	MBA
51	Pooja Singh	B.Com.	DAVV, Indore	MBA
52	Ananya Chourasiya	B.Com.	DAVV, Indore	MBA
53	Ankita Bajpai	B.Com.	DAVV, Indore	MBA
54	Dipali Soni	B.Sc.	DAVV, Indore	M.Sc. Physics
55	Sakshi Talan	B.A. TTM	DAVV, Indore	MBA Tourism
56	Sakshi Goud	B.A. TTM	DAVV, Indore	M.A. Economics
57	Aditya Tomar	B.lib	DAVV, Indore	M.LIB
58	Abhinandan Awasthi	B.Com.	Parul University	MBA
59	Raj Gupta	B.Com.	Shanti Business School	MBA
60	Aditya Hardia	B.Com.	Patel Group Of Institutions	MBA
61	Nitin More	B.Com.	Patel Group Of Institutions	MBA
62	Ritik Patidar	B.Com.	Acropolis Faculty of Man. & Research	MBA
63	Kartik Korde	B.Com.	Acropolis Faculty of Man. & Research	MBA

64	Aditya Vishwakarma	B.Com.	Sanghvi Institute of Management	MBA
65	Roman Vishal Banglewala	B.Com.	Maharaja Ranjit Singh College, Indore	MBA
66	Sitaram Shukla	B.Com.	DBS Doon Business School	MBA
67	Pranay Tiwari	B.Com.	Prestige College	MBA
68	Kiran Rai	B.Com.	Prestige College	MBA
69	Samiksha Patidar	B.Com.	Prestige College	MBA
70	Yaduman S.Rathore	B.Com.	IBS Icfal Business School	MBA
71	Muskan Yadav	B.Com.	Sushila Devi Bansal College	MBA
72	Kunal Soni	B.Com.	Vindhya Institute of Technology & Science	MBA
73	Adarsh Sharma	B.Com.	Medicaps Univesity	MBA
74	Vansh Goyal	B.Com.	IFMR University	MBA
75	Anamika Soni	B.Com.	Jhansi University	MBA
76	Arpan Nigam	B.Com.	LNCT	MBA
77	Vishal Kumar Pal	B.Com.	LNCT	MBA
78	Reeti Chaskar	M.Sc.	Medicaps Univesity	Ph.D
79	Yashi sehgal	B.lib	Dr Bhimrao Ambedkar University Mhow.	M.lib
80	Harsh Shukla	B.lib	SAGE UNIVERSITY	MBA
81	SumanPal	B.lib	SAGE UNIVERSITY	MBA
82	Shailendra Patidar	M.Sc.	Govt. Madhav Science PG College, Vikaram University	Ph.D
83	Laxmi Sule	M.Sc.	Govt. SGSITS College, Indore	Ph.D
84	Charmi Tharwani	B.Sc.	Fergusson college, Pune	M.Sc. Biotechnology
85	Saurav Patel	B.Sc.	Savitribai Phule Pune university, pune	M.Sc. Bioinformatics
86	Rishita Gupta	B.Sc.	University of Hyderabad	M.Sc. Biotechnology
87	Sumitra Bist	B.Sc.	Symbiosis international University, Pune	MBA

88	Kuldeep Singh Thakur	B.Sc.	Govt BPPG College Mhow	M.Sc. Biotechnology
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**There are lot of students progressed for higher education but list shown here is as per record available*

2.7 Performance in Competitive Exam (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations/ other):

Registration number/roll number for the exam	Course	Names of students selected/ qualified		Grand Total
		GATE	JEST	
PH22S53011289	M.Sc.(Physics)	Mohammad Usman Raja	-	2
P3300129	M.Sc.(Physics)	-	Shyam Gurjar	
Total		1	1	

2.8 Extension (cultural/ sports) Activities

Date of event/activity (DD-MM-YYYY)	Name of the event/activity	Name of the student participated
23-10-20 to 31-10-20	Induction Programme activities (dance, poetry, singing and games)	Mr. Arihant Jain
		Ms. Nupur Galgale
		Ms. Rachita Dube
		Shivika Bharadw
		Anvit Kaur Rajpal
		Surbhi Soni
		Ritika choudhary
		Amisha Khatri
		Ashita Agarwal
		Divyansh Mishra
		Kuldeep Malviya
10-05-21	Poster Making Competition	Muskan Bhojak
		Aishwarya Sharma
		Chayan Vani
		Meghana Tiwari
		Karishma Valecha
		Neha Sagar
		Niharika Yaday
		Prajjawal Mishra
		Priya Patel
		Priyal Rathod
		Revati Dube
Sanjana Verma		
2-10-2020	Departmental level Essay	Jyotika Kangsiya

	competition	
10-12-2020	Institute level Poster Competition on “International Human Rights Day”	1. Pragati khatare (First Position) 2. Jyotika Kangasia (Second Position)
22/12/2020	Mega Online Quiz Competition on National Mathematics Day	1. Ritik Patidar 2. Bipasha Rane
23/01/2021	Patriotic Song Competition on Republic Day	1. Tushar Goyal 2. Chitra 3. Special Prize: Shrya Rathore
22/12/2020	Online singing competition Sur Sargam	Dev Sharma Tushaar Goyal Manisha Meet Mishra Amisha Agarwal Raashi patidar Aradhya Shekhawat Ritu Raikwar Shreya Dongre Shradha Mishra Khushboo Tataskar
05-03-2021	Organised Online National Science Quiz Competition-2021	First Prize: Vardhman College Bijnor, Uttar Pradesh. Second Prize: Jagannath Barooah College, Jorhat Assam Third Prize: Govt. College Shahganj Madhya Pradesh Consolation Prize IPS Academy, Indore
20/01/2021	Dance Fest-2021; organized by Dept. of Biotechnology, ISR, IPS Academy	Anuja Sharma (First position)
January 23, 2021	An online debate competition in English on the topic 'World Emerged a better place after Pandemic' was organized by the department of Humanities in collaboration with IQAC IPSA	In favour of the motion: Ist-Anubhuti Tiwari IInd-Shubhi Shrivastava Against the proposition: Ist Samli Jain IInd-Mohit Gupta

26//09/2020	Speaker Forum on "Atmanirbhar Bharat"	1) Amit Arora 2) Saloni Jain 3) Nirmal Kushwah 4) Ishika Jain 5) Raghvandra Bhope 6) Krishna Sahrma 7) Vishakaha Joshi
28-11-20	Chem Housie	1) Shivani Mandloi 2) Kavita Asawa 3) Pankaj Tiwari 4) Sangbida Pal 5) Saloni Jain
17-08-20	Onlinr Slogan and Poetry Competetion on Ocassion of 74th Independence Day of India	1) Pankaj Tiwari 2) Kavita Asawa 3) Sangbida Pal 4) Prem Prakash Shukla 5) Vaibhav Shriwastava 6) Shreya Patel 7) Aditya Tiwari 8) Saumaiiya
28-09-20	Online Fun Filled gamea	1) Nirmal Kushwa 2) Manish Erwal 3) Ravina 4) Mitali 5) Ritik Patidar 6) Arbazuddin 7) Mahesh Patel 8) Bhaviay 9) Sneha 10) Amisha 11) Shrawan 12) Krishna Kant Sharma 13) Omkar
28-01-21	Corona Virus Awareness online Art Competition	1) Khushbu Vishwakarma
		2) Ajay Chouhan
		3) Aman Soni
		4) Archi Bidal
		5) Chanchal Sharma
		6) Charu Bhagat
		7) Divya Lodha
		8) Harsha Shrivias
		9) Khushi Sharma
		10) Nandani Devda
		11) Nidhi Rege
		12) Payal Tekwani
		13) Piyush Rathore

		14) Priyanshi Koushal
		15) Priyanshi Rathore
		16) Shruti Gupta
		17) Varuni Jain
24-Dec-20	Christmas Tree Making Competition (Online) Theme - Best out of Waste	1) Arti Goutam 2) Deepshikha Patwari 3) Karishma Soni 4) Taha Mirza

2.9 Achievement/Awards (Students)

S.No.	Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student
1	Online poster presentation Competition	Individual	National	Cultural	Navjyot Kaur
2	National IPSA science quiz-2021	Individual	National	Cultural	Bhavya J. Pillai
3	2nd position Appreciation award in elocution on mental health day2020	Individual	National	Cultural	Divita Rjore
4	consolation prize for poster making Competition	Individual	National	Cultural	Akshita narshinghani
5	2nd Position in online short videos competition	Individual	National	Cultural	Riya sharma
6	Rabindranath Tagore birth centenary gold medal	Individual	University	Academic (First Rank in University)	Riya sharma
7	Shri Sewanand ji Trivedi Silver medal	Individual	University	Academic (To acheive maximum marks in Examination)	Riya sharma
8	Mohanlal Kishanlal Pandiya Silver medal	Individual	University	Academic (First Rank in University)	Purnima Jhawar

2.10 Cultural and other day's celebrations

- **MAKAR SANKRANTI CELEBRATION**

On 14th January every year IPS Academy organizes KITE FESTIVAL but because of pandemic gathering is not allowed so we organize a symbolic KITE FESTIVAL with all norms of government. Only the members of



cultural committee gathered and followed social distancing norms and garlanding maa saraswati

- **VASANT PANCHAMI CELEBRATION**

Vasant Panchami the festival on which we worship the goddess of wisdom Maa Saraswati, IPS Academy celebrated this holy day(symbolic) by worshipping the goddess and praying in unity for a prosperous future.



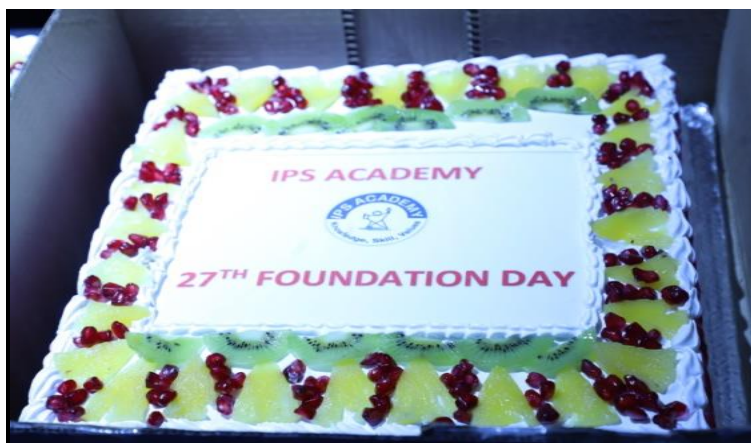
- **WOMEN'S DAY CELEBRATION**

On 8th March 2020 IPS Academy celebrated woman's day virtually. Dignitaries invited to empower the women for their existence. Mrs. Mala Singh Thakur, Public relation officer, Atal Indore Transport Service Limited was the Chief Guest of the function. Mrs. Asita Sharma was the Guest Speaker of the programme who delivered a lecture on "Stress Management". Management Member Mrs.Sangeeta Choudhary beautifully read a self composed poem on this occasion. Dr. Premlata Gupta, Principal IPSA inspired the women to take firm decision through her speech.



- **FOUNDATION DAY**

The **Foundation Day** at IPS Academy was celebrated on 7th November with enthusiasm, fun and frolic. The teaching and non teaching staff of IPSA got together. Due to pandemic few teaching staff and non teaching staffs have participated in the event. The celebrations ended with an inspiring and motivational speech by President Achal Choudhary sir.



- **OTHER CULTURAL OR CO-CURRICULUR ACTIVITIES ORGANISED**

10-05-21	Poster Making Competition
2-10-2020	Departmental level Essay competition
10-12-2020	Institute level Poster Competitionon "International Human Rights Day"
22/12/2020	Mega Online Quiz Competition on National Mathematics Day
23/01/2021	Patriotic Song Competition on Republic Day
22/12/2020	Online singing competition Sur Sargam
05-03-2021	Organised Online National Science Quiz Competition-2021
20/01/2021	Dance Fest-2021; organized by Dept. of Biotechnology, ISR, IPS Academy
23-1-2021	An online debate competition in English on the topic' World Emerged a better place after Pandemic'was organized by the department of Humanities in collaboration with IQAC IPSA
26//09/2020	Speaker Forum on "Atmanirbhar Bharat"
28-11-20	Chem Housie
17-08-20	Onlinr Slogan and Poetry Competetion on Ocassion of 74th Independence Day of India
28-09-20	Online Fun Filled gamea
28-01-21	Corona Virus Awareness online Art Competition
24-Dec-20	Christmas Tree Making Competition (Online) Theme - Best out of Waste

2.11 Evaluation Process and Reforms: Evaluated by class assignments, seminars, CCE, practical exams, open Book Exams, and General promotion

2.12 Alumni Association:

There is no registered Alumni Association but we are planning to register our Alumni association from next session and our Alumni perform the following tasks for the betterment of our college:

- Development of the institution: The alumni with their vast experience give valuable suggestions for the development of the institution particularly for new and innovative courses / value-added courses, Practical field experience, thus helping to bridge the gap between academics and industrial requirements.
- Active support in recruitment: A large numbers of alumni who are working at senior positions in the corporate world make it a point to visit their almamater as recruiters and recruit their college mates in significant numbers. Notable examples are Asian paints, Axis Bank, HDFC Bank, Vivo mobiles, Bajaj Finserv, Lupin, Cipla, Hindustan Zinc, etc.
- Support in academics: it is very heartening that many alumni working at senior positions love to share their knowledge and experience in the field and provide valuable practical inputs to the present students through guest lectures, seminars, and workshops.
- Support the institution reputation: Positive statements of the alumni for this alma mater through direct or social means provides positive reinforcement for the reputation of the institute. Influential position of the alumni at their workplace also provides recognition to the institute at national and international level.
- Industry Visits: Many alumni help in organizing industrial visits to the organizations where they are working so as to provide hands-on industrial experience to the existing students.
- Alumni as faculty: Many Alumni who have an aptitude and liking for teaching joined the institute as faculty members/Guest faculty members.
- Support in organizing events: Alumni also play an active role in organizing various events in the institution's academic activities like conferences, seminars, workshops, and sports and cultural activities.
- Career mentor: The alumni play a very crucial role in training and development, helping the career and management group by organizing lectures/workshops on personality development, various type of tests (Subjective/Objective), Group Discussion, and Interview Techniques.
- Internships: Alumni play a vital role in providing summer/winter internships to the present students in their present organization thus enhancing their employability skills.

3. RESEARCH AND INNOVATIONS

3.1 Publications

3.1.1 (Research Paper)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	ISSN number
Correlation among local structure, magnetic, structural and electronic properties in polyol synthesized iron sulfide (FeS ₂) nanoparticles	Dr. Jitendra Tripathi, Dr. Jaiveer Singh Mr. Govind Singh	Physics	Journal of Alloys and Compounds	0925-8388
Bonding Analysis of [Au (3.16 nm)/Co (1.5 nm)] x35/Si (100) Multilayer Thin Film	Dr. Jitendra Tripathi, Dr. Jaiveer Singh Mr. Rishabh Bisen	Physics	Journal of Nano and Electronics Physics	2077-6772
Magnetic transition in ultrathin Co sandwiched between Au layers in [Au (3.16 nm)/Co (1.5 nm)]x35/Si(100) multilayers	Dr. Jitendra Tripathi, Mr. Rishabh Bisen	Physics	Surface and Interface Analysis	0142-2421
Magnetic Properties of Ni Thin Films Deposited on to Polystyrene Nanospheres	Dr. Jitendra Tripathi, Mr. Yogesh Kumar	Physics	Journal of Nano- and Electronic Physics	2077-6772
Exchange bias in Co/CoO thin films deposited onto self-assembled nanosphere arrays	Dr. J. Tripathi Mr. Yogesh kumar	Physics	Journal of Magnetism and Magnetic materials	0304-8853
Study of Structural and Optical Properties of FeS ₂ Nanoparticles Prepared by Polyol Method	Dr. Jitendra Tripathi, Dr. Jaiveer Singh Mr. Govind Singh	Physics	Journal of Nano and Electronics Physics	2077-6772
Effect of Annealing on Magnetic and Structural Properties of Fe-Ni Thin Films	Dr. Jitendra Tripathi, Mr. Yogesh kumar Mr. Govind Singh Mr. Rishabh Bisen	Physics	Journal of Nano and Electronics Physics	2077-6772
Utilization of Fe ₂ O ₃ Nanoparticles Synthesized by Novel ASH Supported Method in Arsenic Adsorption from the Contaminated Water	Dr. Anjali Jain Dr. Usha Singh	Physics	Macromolecular Symposia	1022-1360
Probiotics: An alternative therapeutic strategy for COVID-19	Mrs. Pragya Goyal	Biotechnology	Biosciences Biotechnology Research Asia	2456-2602

A Review on Advanced Oxidation Processes (AOPs) for Wastewater Remediation.	Dr. Premlata Gupta Dr. Vijendra Solanki Mrs. Ruchi Shrivastava	Chemistry	Asian journal of chemistry	0975-427X
Synthesis, Characterization and Antimicrobial activity of E-N-(5-Chloro-2 Isopropyl benzylidene) aryl amine	Dr. Premlata Gupta Mrs. Ruchi Shrivastava	Chemistry	Journal of Scientific Research	0447-9483
The Analysis of Antibacterial and Antifungal Activity of Various Leaves Extracts of Natural Plants Maesaindica (Wall) against Bacterial and Fungal Strains Causing Human Infection	Dr. Raina Jadhav	Chemistry	Journal of Scientific Research,	0447-94831
Mathematical Modelling Of Fighting Current Pandemicusing Finite Source Retrial Queues	Dr. Pradeep K.Joshi	Mathematics	Mathematical Computational Science	1927-5307
Simulation Modelling Process In The Analysis Of (M/M/2) Queueing Modelling,	Dr. Pradeep K.Joshi	Mathematics	European Journal of Molecular & Clinical Medicine	2515-8260
Matrix Geometric Method For The Analysis Of M/M/1 Model Under Repair	Dr. Pradeep K.Joshi	Mathematics	Advances and Applications in Mathematical Sciences	0974-6803
A STUDY OF STEADY STATE ANALYSIS OF D/M/1 MODEL	Dr. Pradeep K.Joshi	Mathematics	South East Asian J. of Mathematics and Mathematical Sciences	2582-0850
Electro-peroxone treatment of rice grain based distillery biodigester effluent: COD and color removal	Dr.Amita Joshi	Mathematics	Water Resources and Industry, ELSEVIER	2212-3717
“Web Mining Based Predictive Modeling of Students Dropout Using Decision Tree Classifier in Higher Education.”	Mr. Anand Gandhe	Depatt. Of Computer, IPSA	The International journal of analytical and experimental modal analysis	0886-9367
“Using the Classification Method of Web Mining to Decrease the Dropout Rate in Educational Institute.”	Mr. Rakesh Verma	Depatt. Of Computer, IPSA	The International journal of analytical and experimental modal analysis	0886-9367
Role of Womens in Rural Development	Prof. H.R. Patidar	Tourism	Social Sc. & Mgt. Welfare	2454-4655
Role of Industry 4.0 in agricultural development	Prof. H.R. Patidar	Tourism	Social Sc. & Mgt. Welfare	2454-4655

Synthesis and Characterization of electrochemically codeposited thin films	Dr. Pratibha Sharma	Chemistry	Vigyan Garima Sindhu, MHRD, New Delhi.	2320-7736
Photocatalytic degradation of Methylene blue dye in the presence of Eco-friendly LEDs irradiation using Bi ₂ O ₃ catalyst,	Dr. Vijendra singh	chemistry	Vigyan Garima Sindhu, MHRD, New Delhi.	2320-7736
Awareness of Financial Literacy among working women in Indore City- A study	Dr. Vaishali Sharma	Commerce	International journal of all research Education and scientific Methods	2455-6211
Financial Reforms In INDIA	Dr. Vaishali Sharma	Commerce	International journal of all research Education and scientific Methods	2455-6212,
“Impact of savings on Indian Economy- An overview.”	Dr. Vaishali Sharma	Commerce	Research Analysis and evaluation	0975-3486
‘An Empirical study of the women entrepreneur in pandemic era’	Dr. Vaishali Sharma	Commerce	International Research Journal of Commerce, Arts and science	2319-9202.
Tribal Women Perception on various aspects of women empowerment in the selected Tribal Districts of M.P	Dr. Rekha Lakhota	Commerce	International Journal of Emerging Technologies and Innovative Research	2349-5162
An Empirical Study on the impact of Mukhyamantri Swarozgar Yojana on the Socio-Economic Development of Society	Dr. Rekha Lakhota	Commerce	International Journal of Research and Analytical Reviews	2349-5138
Focus of SMEs on Finance, Technology, Infrastructure and Marketing in Indore Province- A Study	Dr. Rekha Lakhota	Commerce	International Journal of all Research Education and Scientific Methods	2455-6211
Factors Affecting the Women Empowerment in the selected tribal districts of M.P	Dr. Rekha Lakhota	Commerce	International Journal of all Research Education and Scientific Methods	2455-6211
Role of Rural Entrepreneur in the development of Indian Economy	Dr. Rekha Lakhota	Commerce	International Journal of Emerging Technologies and Innovative Research	2349-5162
Indore Jile Ka Agrani Bank (Bank Of India)Ka Vikas – Ek Addhyayan	Dr. Yogita Chandel	Commerce	Accent Journal Of Economics Ecology & Engineering	2456-1037
Anusuchit Janjati Ke Arthik Vikas Me Bank Of India Ka Yogdan	Dr. Yogita Chandel	Commerce	International Journal Of Innovation In Engineering Research & Management	2348-4918

3.1.2 Books and Chapters in book

Sl. No.	Name of the teacher	Title of the book/chapters published	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.Pradeep K. Joshi	Operation Research	National	2020	978-93-88047-09-8	IPS Academy Indore	Shree Shiksha Sahitya Prakashan
2	Dr. Deepali Shukla	Chapter- "SOYBEAN: Collar Rot, Leaf Spot and Rust" in the Book "Diseases of Nationally Important Field Crops"	National	2021	-	IPS Academy Indore	Today & Tomorrow's Printers and Publishers, New Delhi - 110 002, India
3	Dr. Deepali Shukla	Chapter- "An overview of plant extract /compound based synergistic approach to combat drug resistance and other drug-related complications" in the Book "Medicinal plants Phytochemistry and Therapeutics"	National	2021	-	IPS Academy Indore	Agrobios publisher, India

4	Dr. Yogita Chandel	Chapter- "Indore jile ka parichay evam vikas" in the book "Woman Empowerment & Sustainable Development"	National	2021	978-93-89522-28-0	IPS Academy, Indore	Research foundation of India
5	Dr. Yogita Chandel	Chapter: "AJA Evan AJAJA Logo Ki Sthiti, Samasyaye Evam Vikas Hetu Prayas Ka Addhyayan (Indore Jile Ke Sandharbha Me)" in the Book "Trends And Innovation In Management, Commerce, Science, Engineering And Humanities"	National	2021	978-93-89522-53-2	IPS Academy, Indore	Research foundation of India

3.1.5 Paper published in proceedings:

S. No.	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	ISBN/ISSN number of the proceeding	Name of the publisher
1	Dr. Jaiveer Singh	Study of structural, optical properties and antibacterial effects of silver nanoparticles synthesized by green synthesis method	Materials Today: Proceedings	"International Confrence on multifunctional nano material" held at Manipal University Jaipur	International	2214-7853	Elesvier

2	Dr. Anajli Jain	Raman Spectroscopic Study of Nickel Oxide Nanoparticles and its Antibacterial Activity	AIP conference Proceedings	NCPCM 2020 held at Holkar Science College, Indore	National	1551-7616	AIP publishing
3	Dr. Deepi Jain	Gain calculation in optical klystron free electron laser with length mismatch effect	AIP conference Proceeding	NCPCM 2020 held at Holkar Science College, Indore	National	1551-7616	AIP publishing
4	Dr. Pradeep K. Joshi	A study of system reliability optimization: Problems, Techniques and Formulation	Mathematical Sciences and Computer Intelligence	ICMSCI-2020 SMVDU	International	978-93-88047-70-8	Shree Shiksha Sahitya Prakashan
5	Mr. Anand Gandhe	Web Mining Based Classification Technique for Placement Prediction in Educational Institute	Innovative Applications of Emerging Technologies and MANAGEMEN NT -2021	1st International Conference On Innovative Applications of Emerging Technologies and Management held at Prestige Institute of Engineering Management & Research, Indore (PIEMR)	International	ISBN: 978-81-947824-0-7	Indu Book Services Pvt. Ltd. 4638 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002

6	Mr. Rakesh Verma	Using the Classification Method of Web Mining to Enhance the Student Performance in Educational Institute	Innovative Applications of Emerging Technologies and MANAGEMENT -2022	1st International Conference On Innovative Applications of Emerging Technologies and Management held at Prestige Institute of Engineering Management & Research, Indore (PIEMR)	International	978-81-947824-0-7	Indu Book Services Pvt. Ltd. 4638 1st Floor, 21 Ansari Road, Daryaganj, New Delhi - 110002
7	Mr. Rakesh Verma	USING THE J48 ALGORITHM OF WEB MINING TO PREDICTION IN EDUCATIONAL INSTITUTE	ICETET'2021	1st International Conference On Emerging Trends In Engineering And Technology 2021 held at Laxmi Institute of Technology, Sarigam, Valsad district, Gujarat	International	-	Laxmi Institute of Technology, Sarigam
8	Mr. Anand Gandhe	A Web Mining Approach for Improving Graduation Rates of Students in Educational Institutes.	ICETET'2021	1st International Conference On Emerging Trends In Engineering And Technology 2021 held at Laxmi Institute of Technology, Sarigam, Valsad district, Gujarat	International	-	Laxmi Institute of Technology, Sarigam

3.2. Paper Presentation in Conferences:

- Mrs. Ruchi Shrivastava Presented Research article entitled "Synthesis, Characterization and Biological study of E-N-(5 chloro-2 isopropyl Benzylidene aryl amine) Schiff bases" in International Conference on "Emerging Novel Trends in Science for Human Welfare" organized by Jnan Vikas Mandal's Degree College, Mumbai Maharashtra on 16th February 2021.
- Dr. Pratibha Sharma Presented Research article entitled "Electrosynthesis and characterization of CdSeHg thin films" organized by International Society of Electrochemistry & Royal Society of Chemistry Electrochemistry Group Irish Regional Early Career Meeting, Ireland on 27 May 2021.
- Dr. Vijendra Singh Solanki Presented Research article entitled "Photocatalytic Degradation of Acridine Yellow G dye by Bismuth Oxide as nanocatalyst in the Presence of Eco-Friendly LEDs Irradiation" in national conference on "Recent Trends in Material Science & Technology" organized by Department of Chemistry, Indian Institute of Space Science & Technology, Govt. of India, on 7-9 December 2020.
- Dr. Raina Jadhav Presented Research article entitled "The analysis of antibacterial and antifungal activity of various leaves extracts of natural plants Maesa indica (Wall) against bacterial and fungal strains causing human infection)" in International Conference on "Emerging Novel Trends in Science for Human Welfare" organized by Jnan Vikas Mandal's Degree College, Mumbai Maharashtra on 16th February 2021.
- Dr. Amit Singh Thakur Presented Research article entitled "Need of Research Methodology training for faculty members of engineering sciences" presented in Regional Conference on "NEP2020: Futuristic Perspective of Teacher Education" organized by Vidhya Bharti Uchha Shikshan Sansthan at School of Education DAVV, Indore, Madhya Pradesh organized on 9th February 2021.
- Dr. Pradeep Joshi Presented Paper entitled " A Study of System Reliability Optimization : Problems, Techniques and Formulations" in the International Conference on Mathematical Sciences and Computational Intelligent" held on 21st- 22nd December 2020 at Shri Mata Vaishno Devi University, Katra, J&K, India in collaboration with the Advance Research Educational Society

3.3 Research Project:

Title: "Photo catalytic degradation of dyes and pesticides in the presence of energy-efficient light emitting diode and UV or visible light using Nano catalyst"

Project Investigator: Dr. Premlata Gupta (Principal Investigator)
Dr. Vijendra Singh Solanki (Co- Investigator)

Agency: MPCST Bhopal Funded Research Project (Ongoing) 2019

Grant: Rs. 4, 30000/-

3.4 Collaborations

S. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1	Collaborative Research Project	Manipal University Jaipur (Dr. Annupam Sharma, 9602754827)	Dr. Jitendra Tripathi	2014	4 Years	Research
2	Collaborative Research Project	Technical Education Quality Improvement Programme (TEQIP-III) RGPV 9425125401	Dr. Jitendra Tripathi	2019	2 years	Research
3	Collaborative Dissertation of M.Sc Students	Department of mechanical Engineering, IES IPSA, Indore (Dr. J. Ponmozhi) 9630051972	Mr. Neeraj Solanki, Mr. Nikky Verma, Ms. Niharika Singh, Ms. Avani Muley, Ms. Ayushi patidar, Ms. Priyanka Parida	2020	4 months	Internship
4	Internship	Central Analytical laboratories 9464439971, 75	Ms. Shivani Mandloi	2021	1 month	Internship
5	Internship	Sun Pharma 7272496100	Ms. Pinal Jain	2021	15 days	Internship
6	Internship	Maharaja Ranjit Singh College of Professional Sciences	Ms. Priyanka Devi	2021	10 days	Internship
7	Internship	Modern Laboratories 731 2720485	Mr. Shubham Patel	2021	30 days	Internship
8	Internship	Ajanta Pharma Limited 07292668100	Mr. Raghvendra Bhope	2021	15 days	Internship

3.5 Functional MoU's

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Sixth Sense Technologies	Deptt. Of Computer IPSA	2020	2 years	Network Training and online examination	100/04

Digital Eduserv LLP	Deptt. Of Computer IPSA	2020	2 years	Network Training and online examination	100/04
PMB Gujrati college	Deptt. Of Physics IPSA	2019	2 years		
Kund-Kund Gyan Peeth , Indore	Department of Mathematics, IPSA	2020	2 years	Expert Lecture on Research Methodology	32/06
Advanced Technical & Industrial Training Centre , Mhow	Department of Mathematics, IPSA	2020	2 years	Expert lecture on Networking & it's Applications	30-Jun
Swami vivekanand university Sagar	Department of chemistry, ISR, IPSA	2020	2 years	participation in international conference	00/01
District Handloom Office and Training Centre, Polo Ground, Indore MP	Department of Fashion Technology	2020	Life time	Technical Training of Basic Weaving of fabric with District Handloom Training Centre	05/00
Genuine Education ,Indore	Department of Commerce	2020	1 year	Application of GST using Tally ERP 9	85/2
Makeintern	Department of Commerce	2020	1 year	Workshop on Business Analytics	75/2
Mr. Sushil Bhagat, French language expert	Department of Commerce	2020	1 year	French language basics	103/2

3.6 Number of fulltime teachers with Ph.D and recognized as research guides

Name of full time teacher with Ph.D	Whether recognised as research Guide for Ph.D	Year of Recognition as Research Guide
Dr. Premlata Gupta	yes	2007
Dr. Jitendra Tripathi	yes	2017
Dr. Jaiveer Singh	Yes	2019
Dr. Deepi Jain	Yes	2019
Dr. Pradeep K Joshi	Yes	2016
Dr. Rekha Lakhota	Yes	2017
Dr. Vaishali Sharma	Yes	2017
Dr Meenakshi Gaikwad	Yes	2017
Dr. Shalini Mathur	Yes	2021
Dr. Pratibha Sharma	yes	2017
Dr. Vijendra singh solanki	yes	2017
Dr. Archana Dwivedi	NO	-
Dr. Nishant Sirse	NO	-
Dr Manish Pundlik	NO	-
Dr. Naziya Hussain	NO	-
Dr. Yogita Chandel	NO	-
Dr. Vaibhav Sharma	NO	-
Dr. Kailash Patel	NO	-
Dr. Aditi Khandelwal	NO	-
Dr. Mangla Jain	NO	-
Dr. Mamta Gokhe	NO	-
Dr. Shaloo Manocha	NO	-
Dr. Preeti Vyas	NO	-
Dr. Raina Jadhav	NO	-
Dr. Baghwan Lal Kalal	NO	-
Dr. Amit singh thakur	NO	-
Dr. Rekha Sharma	NO	-
Dr. Sanjay Nagar	NO	-
Dr. Deepali Shukla	NO	-
Dr. Rajesh Kumar Khande	NO	-
Dr. Sultana Razia	NO	-
Dr. Sumati Hajela	NO	-
Dr. Amita Joshi	NO	-
Dr. Bharat Singh	NO	-

Dr. Devendra Singh	NO	-
Dr. Manoj Khanduja	NO	-
Dr. Deepak Patidar	NO	-
Dr. Priyanka Tyagi	NO	-
Dr. S. K. Bandi	NO	-
DR. S. B. WELANKAR	NO	-
Dr. Usha Singh	NO	-
Dr. Anjali Jain Deotale	NO	-

3.7 Number of Ph.D's registered per teacher

Name of full time teacher with Ph.D	Name of the scholar	Year of registration of the scholar	Title of the thesis for scholar
Dr. Premlata Gupta	Mr. Kamal Jat	2013	Synthesis, characterisation of some novel schiff bases and evaluation of their potential biological activity
	Mrs. Ruchi shrivastva	2015	Synthesis, characterisation of some schiff bases and to study their biological activity
Dr. Jitendra Tripathi	Mr. Govind Singh	2017	Effect of surfactant on particle size and properties of FeS ₂ nano particles
	Mr. Rishabh Bisen	2017	Effect of nonmagnetic matrix on the properties of ultrathin magnetic sandwich layer
	Mr. Yogesh Kumar	2017	Structural and magnetic properties of Co and Ni based Nanocaps deposits onto self assembled polystyrene nanospheres
	Mr. Shailendra Singh Rajput	2020	Correlation among structural morphological and optical properties of reinforced polymers
	Mrs. Hinali Vanave	2020	Tailoring of structural, optical and magnetic properties of Doped magnetic nps
	Ms. Aditi Jain	2020	Structural, electrical and morphological properties of conducting polymers
	Ms. Mudita Jain	2020	A comparative investigation of magnetic, structural and optical properties of ferite nanoparticles in defined polymer matrices

Dr. Jaiveer Singh	Ms. Kavita Mandre	2020	Effect of surfactant on size and Physical properties of Niobium nanoparticles
	Mr. Shashank Jyoti	2020	Structural & Physical Properties of Zirconium oxide nanoparticles
	Mr. Sagar Sanodiya	2019	DET Cleared and student allotted by University
	Ms. Dimple Soni	2020	Study of synthesis , structural and physical properties of transition metal selenides
Dr. Deepi Jain	Mrs. Anjali Gaibhiye	2020	Studies of higher harmonics of free electron laser
	Mr. Narendra kacchawa	2020	Studies of undulator radiation and gain in free electron laser
Dr. Pradeep K Joshi	Mrs. Hemlata Thakur	2018	Mathematical Methods for Estimating and Analyzing Reliability Measures of Systems.
	Mrs. Sejal Gupta	2017	A study of optimization of system performance measures in various queueing models and their analysis using optimization techniques with applications various
Dr. Rekha Lakhota	Pinky Pargai	2017	A Comparative study of financial performance of selected mutual fund companies operating in india .
	Rakhi Kushwah	2017	Madhya pradesh main shasan dwara pradatt Mukhyamantri swarojgar yojana ka alochanatmak adhyan
	Sanjay Sharma	2017	impact of credit risk management on financial performance of selected public sector banks in india
Dr. Vaishali Sharma	Chandra bhooshan singh	2018	A study of awareness of women regarding financial literacy and financial planning (with special reference to Indore division)
	Avinash Sharma	2018	Study the impact of demonetization on Automobile sector (with reference to Pithampur industrial sector)
	Neha Patidar	2018	Pre and Post foreign Trade performance GST implement in Indore District 2010- 2021
	Jyoti Gera	2018	Study the customer satisfaction level in E- banking (with reference to Nationalised Banks of Udaipur)
Dr Meenakshi Gaikwad	Ms. Aditi Jain	2018	Study the online shopping behaviour of Professional females (with special Reference to Indore District
	Mr. Fayaz Ahmad	2020	Working capital management of

	Ganaie		selected small scale industries in Jammu - Kashmir (with special reference to Kashmir division)
	Mr. Muzamil Ahmad Bhat	2019	DET Cleared and student allotted by University
Dr. Shalini Mathur	Ms.Nutan Shukla	2021	DET Cleared and student allotted by University
	Ms Deepmala Pathak	2021	DET Cleared and student allotted by University
	Ms.Chandini Kataria	2021	DET Cleared and student allotted by University
	Ms.Gunja Nachan	2021	DET Cleared and student allotted by University
Dr. Pratibha Sharma	Mr. Shankar singh Pal	2019	DET Cleared and student allotted by University
	Ms. Syma Parveen	2019	DET Cleared and student allotted by University
	Ms. Shivani Jaat	2019	DET Cleared and student allotted by University

4. STTP/FDP/WEBINAR/WORKSHOP/SEMINAR ETC. ORGANIZED

Name of the workshop/ seminar	Number of Participants	Date From – To
Seminar on "Development of Entrepreneurship Skills"	45	02-03-2021
Physics for curious mind Lecture Series by Dr Pradeep Dubey	200	30 Dec 2020
Physics for curious mind Lecture Series by Dr. Sandeep Chaturvedi	200	30 Jan 2021
Physics for curious mind Lecture Series by Dr. S.B.Walenkar	200	12 March 2021
International Webinar on "Recent Trends in a Historian of Mathematics Viewpoint"	85	13 March 2021
Workshop on Fashion Styling, by (Asst Prof Rupali Mishra) (Online)	225	27 Apr 21

Webinar Augmented Reality by Learn from Mr Shajan C Kumar, a Renowned Fashion Communication Expert, Ex Professor-IAM Gurgaon, Visiting Faculty-NIFT Kannur, Winner of First Ejourno and Syntel Fellowship (Online)	200	25 and 26 May 2021
Workshop on Bag Making by (Asst. Prof. Meena Verma) (Online)	100	15-June 2021
Webinar on Innovation & Intellectual Property Rights (IPR) by Mr Nilesh Trivedi (Asst. Director) MSME-DI Indore Ministry of MSME Govt of India	100	24 and 25 June 2021
International Webinar on "Empowering Diversity in Science" In collaboration with Association of Chemistry Teachers C/O Homi Bhabha Centre for Science Education (TIFR), Mumbai on occasion of Global Women Breakfast 2021 (GWB-2021) announced by IUPAC.	180	9 /02/21
International e-Conference on "Futuristic Dimensions & Innovative Trends in Chemical Sciences"	450	6 and 7th nov. 2020
Alumini Speak chapter 1	52	12 Feb 2021
Seminar on "System Chemistry, Approaches for mimicking Biological Function in Synthetic Network" Dr. Indrajeet Maity, Research Scientist, Institute of Macromolecular Chemistry Albert Ludurigs University of Freburg, Germany	118	5th October 2021
Seminar on "Scope of NMR & Environmental Studies" Speaker Dr. Piyush Vyas & Dr. Rakshit Ameta	50	24th December 2020

National Webinar on "Motivation and Engagement, Leading with Vision and Purpose"	180	27th May, 2021
One week national faculty development program on "Advanced Opportunities and implicit research technologies in sciences"	600	7th -12th June, 2021
An Expert talk on 'The Art of making Engaging, online Presentation' by Dr.Chumki Biswas	35	26th June, 2021
One day training program for Non Teaching Staff "Office Administration"	4	14th October, 2020
4 days soft skill development program for Transport staff "Ek Sarthak Jeevan" Motivational Lecture during Covid-19	180	27th - 30th May 2021
3 days soft skill development program for Transport & class 4 staff "Ek Sarthak Jeevan" Motivational Lecture on dealing with challenges	120	8th, 9th & 15th June 2021
2 days soft skill development program for Transport staff "Ek Sarthak Jeevan" Representing our organisation	40	29th -30th June 2021

5. PROFESSIONAL DEVELOPMENT PROGRAMMES, ORIENTATION / INDUCTION PROGRAMMES, REFRESHER COURSE, SHORT TERM COURSE ETC ATTENDED BY FACULTIES:

S.No	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	Mr. Sanjay Sharma	FDP on Intellectual Property Rights and Research Paper Writing	15th to 20th June 2021

2	Mr. Sanjay Sharma	14th Innovations in Software Engineering Conference	25 to 27 February, 2021
3	Mr. Sanjay Sharma	Webinar on Machine Learning and its Research Perspectives	17-Mar-21
4	Mr. Shailendra Gupta	FDP on Intellectual Property Rights and Research Paper Writing	15th to 20th June 2021
5	Mr. Shailendra Gupta	14th Innovations in Software Engineering Conference	25 to 27 February, 2021
6	Mr. Shailendra Gupta	Webinar on Machine Learning and its Research Perspectives	17-Mar-21
7	Dr. Yogita Chandel	Online FDP on Applications of Mathematical Science In Engineering & Technology	23/9/2020 to 27/09/2020
8	Dr. Yogita Chandel	Online FDP on Practical Aspects Of ICT Tools & Online Teaching In Current Scenario	04/01/2021 to 10/01/2021
9	Dr. Kailash Patel	Online FDP on Advanced Research Methodology 2.0	17-06/2021 to 01-07-2021
10	Dr. Aditi Khandelwal	Online FDP on Advanced Research Methodology 2.0	17-06/2021 to 01-07-2021
11	Mr. Kshitij Khare	Online FDP on Research Methodology: Tools and Techniques	26/06/2020 to 01/07/2020
12	Mr. Dilip Agore	Online FDP on Applications of Mathematical Science In Engineering & Technology	23/9/2020 to 27/09/2020
13	Mr. Dilip Agore	Online FDP on World Wildlife Week	1/9/2020 to 7/09/2020
14	Mr. Dilip Agore	Online FDP on Social Media Digital Marketing	11/08/2020 to 21/08/2020
15	Mr. Dilip Agore	Online FDP on E-Contents and ICT Tools for Innovative and Effective Teaching & Learning Process	08/08/2020 to 14/08/2020
16	Mr. Dilip Agore	Online FDP on Orienting Applications & Conceptualized Aspects of Science & Humanities	21/07/2020 to 25/07/2020
17	Mrs. Ruchi Shrivastava	National level one week FDP on research methodology Amar seva mandal, Kamla Nehru mahavidyalaya, Nagpur (MH)	26 April - 1 May 2021
18	Mrs. Ruchi Shrivastava	Seven day online national level FDP on advancement and implementation of chemistry concepts and teaching methodology for Educators and learners Christian Eminent college in association with Nandani medical laboratories Indore (MP)	24 - 31 May 2021
19	Dr. Pratibha Sharma	National level one week FDP on research methodology Amar seva mandal, Kamla Nehru mahavidyalaya, Nagpur (MH)	26 April - 1 May 2021
20	Dr. Pratibha Sharma	Seven day online national level FDP on advancement and implementation of chemistry concepts and	24 - 31 May 2021

		teaching methodology for Educators and learners Christian Eminent college in association with Nandani medical laboratories, Indore (MP)	
21	Dr. Pratibha Sharma	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7-12 June 2021
22	Dr. Raina Jadhav	National level one week FDP on research methodology Amar seva mandal, Kamla Nehru mahavidyalaya, Nagpur (MH)	26 April-1 May 2021
23	Dr. Raina Jadhav	Seven day online national level FDP on advancement and implementation of chemistry concepts and teaching methodology for Educators and learners Christian Eminent college in association with Nandani medical laboratories Indore (MP)	24 -31 May 2021
24	Dr. Raina Jadhav	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7-12 June 2021
25	Dr. Raina Jadhav	Three days FDP on ICT tools for effective teaching and learning Amar seva mandal, Kamla Nehru mahavidyalaya, Nagpur (MH)	8-10 June 2021
26	Dr. Raina Jadhav	Three days workshop on designing and development of e-resources for teaching and learning	22-24- June 2021
27	Dr. vijendra solanki	Three days FDP on ICT tools for effective teaching and learning Amar seva mandal, Kamla Nehru mahavidyalaya, Nagpur (MH)	8-10 June 2021
28	Dr. vijendra solanki	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7-12 June 2021
29	Dr. Bhagwanlal kalal	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7-12 June 2021
30	Dr. Amit Singh Thakur	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7-12 June 2021
31	Prof. Pragya Goyal	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7th to 12th June, 2021
32	Dr. Sanjay Nagar	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7th to 12th June, 2021
33	Dr. Razia Sultana	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy,	7th to 12th June, 2021

		Indore	
34	Dr. Deepali Sukla	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7th to 12th June, 2021
35	Dr. Deepali Sukla	e-Refresher course on “21 century the Era of Biotechnology” organized by AKS University, Satna	3rd Sep. to 28th Oct. , 2020
36	Prof. Preeti Adatiya	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7th to 12th June
37	Prof. Bavita Kohli	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7th to 12th June, 2021
38	Prof. Bavita Kohli	2. e-Refresher course on “21 century the Era of Biotechnology” organized by AKS University, Satna	3rd Sep. to 28th Oct. , 2020
39	Dr.Pradeep K. Joshi	“ Advanced Material & Mathematical Tools”	10th July 2020 to 14th July 2020
40	Dr.Pradeep K. Joshi	“ Appraisal of Mathematical Learning Outcomes in Cybergogy Environment “	15/07/2020 to 17/07/2020.
41	Dr.Pradeep K. Joshi	Training Programme on “ MATLAB and Mathematica for Scientific Research”	27/07/2020 to 29/07/2020.
42	Dr.Pradeep K. Joshi	Training Programme on “ Recent Advancement in Engineering Mathematics with Software Training (MATLAB,SCILAB and LATEX)”	12/07/2020 to 14/07/2020.
43	Dr.Pradeep K. Joshi	online workshop on “ Exposure to Data Analytics Software”	29/07/2020 to 31 /07/2020
44	Dr.Amita Joshi	“Fixed Point Theory And Its Applications”	15-19 Sep. 2020
45	Dr.Amita Joshi	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
46	Dr.Amita Joshi	“Resent Trends in Technology and Teaching Learning Methodology”	9-11 July 2020
47	Dr.Priyanka Shrivastava	“ICT Tools for Effective Teaching and Learning”	8/6/2021 -10/6/2021
48	Dr.Priyanka Shrivastava	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
49	Dr.Deepak Patidar	Online Workshop on "Mathematics without Boundaries"	23/11/2020-27/11/2020
50	Dr.Deepak Patidar	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by	7/6/2021-12/6/2021

		Institute of Science and Research, IPS Academy, Indore	
51	Dr.Priyanka Shrivastava	National Webinar on “Operational Research and its Application and Role of Magic Square	12-Feb-21
52	Dr.Priyanka Shrivastava	STTP on Mathematical Softwares	13-17 Feb 2021
53	Ms Priya Tiwari	Online FDP - Augmented Reality in Fashion Industry	07/08/2021 to 15/08/2021
54	Dr. Jitendra tripathi	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
55	Dr. Jitendra tripathi	E-Workshop On Energetic Beam Technology: From Materials Engineering To Diagnostics, Amity Institute of Nanotechnology, Noida, UP	21/6/2021-25/6/2021
56	Dr. Jitendra tripathi	Five Day Innovation Series on Patent Search and Filing, Andhra University, Visakhapatnam	16/02/21-20/02/21
57	Dr. Jitendra tripathi	Live Workshop on Technology Commercialization, Central University of Gujrat 2021	15/2/21
58	Dr. Usha Singh	Webinar on “Teaching Physics at the UG and PG level using Python” organized by Department of Physics, Victoria Institution, Kolkata.	July 6, 2020 – July 10, 2020
59	Dr. Usha Singh	National Webinar “Importance of Electron Spectroscopy in Current Research” organized by the Department of Physics, Shaheed Bheema Nayak Government Post Graduate College, Barwani, Madhya Pradesh, India,	19th January, 2021
60	Dr. Usha Singh	National Level Workshop on “BASICS OF PHYSICS” organized by Physics Department, Mata Jija Bai Govt. P.G. Girls College, Indore & IAPT-RC 09.	5th-11th Feb. 2021
61	Dr. Usha Singh	International webinar on “Empowering Diversity in Science” organized by Department of Chemistry, Institute of Science & Research, IPSAcademy Indore, India in collaboration with IUPAC & Association of Chemistry Teachers C/o Homi Bhabha Centre for Science Education (TIFR), Mumbai.	9th February 2021
62	Dr. Usha Singh	Attended the expert lecture on “Crystal Physics and applications” organized by Department of Physics, Medi-Caps University, Indore.	June 18, 2021
63	Dr. Usha Singh	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
64	Dr. Jaiveer Singh	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021

65	Dr. Anjali Jain Deotale	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
66	Dr. Deepi jain	Online FDP on "Personal and Professional Excellence"	from 07/12/2020 to 11/12/2020
67	Dr. Deepi jain	Online FDP on "Photonics" at GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR.	2020-11-2 to 2020-11-6
68	Dr. Deepi jain	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
69	Mr. Mayank sharma	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
70	Mr. Ashish valusker	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
71	Mr. Govind Singh	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
72	Mr. Govind Singh	Young Scientist Conference, India International Science Festival (IISF 2020).	22th – 25th December 2020
73	Mr. Govind Singh	Attended “Webinar Series on the Blend of Physics & Materials”, Manipal University, Jaipur, Rajasthan.	22th October 2020 Attended
74	Mr. Sashank Jyoti	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7/6/2021-12/6/2021
75	Prof.Sapna Jojare	FDP on “Advanced Opportunities and Implicit research Technologies in Science” organized by Institute of Science and Research, IPS Academy, Indore	7th to 12th June

6. FINANCIAL SUPPORT/INCENTIVE PROVIDED:

S.N	Name of teacher	financial support provided for	Amount of support
1	Dr. Shalini Mathur	NPTEL Exam Fee	1100
2	Dr. Shalini Mathur	NPTEL Exam Fee	1100
3	Dr. Preeti Vyas	NPTEL Exam Fee	1000

4	Dr. Mamta Gokhe	NPTEL Exam Fee	500
5	Dr. Usha Singh	NPTEL Exam Fee	1000
6	Dr. Deepi Jain	NPTEL Exam Fee	1100

7. GENDER SENSITIVITY:

The IPS Academy strongly encourages gender sensitivity. The recent pandemic has disturbed almost every system in the world. An uncertain situation was created, that made many people migrate, many people strive for hunger and many stray animals suffered drastically. Despite all such criteria, IPS Academy's NSS/IPSSR Department never gave up and has made continuous efforts for developing a sense of gender sensitivity.

- **World Day of the fight against sexual exploitation:** March 4 is observed as World Day of Fight Against Sexual Exploitation every year, to create awareness against sexual exploitation, which overwhelmingly involves women and children. To aware students of the same, an online session was conducted by HOD- Neha Sharma, where the guest speaker Dr. Vasudeo Paralikar, has explained various ways to prevent the above situation.
- **Orientation- Menstrual hygiene and awareness:** The menstruation cycle is a natural process, although many societies have considered it taboo. People often try to avoid any conversation about it. In fact, there are several myths in our society regarding the same. Despite all such barriers, we IPSians are raising awareness campaigns to kill the taboo. Our volunteers visit many rural areas and talk with girls and women about the challenges they face during their periods, and how people react to them. We have commenced a research project regarding the same, and now imparting fruitful information to numerous females.
- **Nukkad Natak:** A Nukkad Natak was organized in a village nearby Sanwer by the IPSSR/NSS Department of IPS Academy on the occasion of World Day of Social Justice. In which it was told that at a young age, the studies of a girl are rescued and the burden of household chores is put on her. The main purpose of the Nukkad was to remove inequality as we are against social inequalities, but people face gender, age, race, ethnicity, religion, culture, or disability when we try to remove those barriers. Even today, gender inequality is seen in many places which has an impact on the progress of the country. Inequalities in our country are weakening social cohesion. It is time to reduce inequalities globally. Along with this, the girls of Saraswati school were informed about the "Kill the Taboo" campaign related to menstruation.

8. FACULTY APPRAISAL:

- ❖ For faculties: **360⁰ Form**
- ❖ For Non-teaching staff: **ACR**

Appraisal form submitted by all teaching and non-teaching staff to Head of department, by head to principal and by principal to management.

9. ACHIEVEMENTS/AWARDS:

- ❖ Dr. Pradeep K. Joshi becomes member of BOS of DAVV.
- ❖ Dr. Sultana Razia got Best Lecturer Award (12th Sept. 2020). Deccan Environmental Research, Organization-Dero (Regd.), Karnataka

10. INFRASTRUCTURE & LEARNING RESOURCES:

10.1. Infrastructure Augmented Facilities

Facilities	Existing
Campus Area	58 Acre
Class rooms with Wi-Fi or LAN	17
Computer Lab with LAN	8
Seminar Hall with ICT facilities	3
Classrooms with LCD facilities	15
Class rooms	35
Laboratories	16
Mess (other)	1
Canteen (other)	2
Dispensary (other)	1
Girls Hostel (other)	1
Creative Area with Projector /LAN (other)	1

10.2. Number of classrooms and seminar halls with ICT- enabled facilities

Room number or Name of classrooms/Seminar Hall with LCD/ wifi/LAN facilities with room numbers	Type of ICT facility
B6, Board Room, SOC	Mounted LCD, Wi-Fi, White Screens enabled room
B8, Class Room, SOC	Mounted LCD, Wi-Fi, White Screens enabled class room
B9, Class Room, SOC	Mounted LCD, Wi-Fi, White Screens enabled class room
B12, Class Room, SOC	Mounted LCD, Wi-Fi, White Screens enabled class room
B13, Class Room, SOC	Mounted LCD, Wi-Fi, White Screens enabled class room
B14, Class Room, SOC	Mounted LCD, Wi-Fi, White Screens enabled class room
Classroom 412, 4th floor, Central building	Mounted LCD, Wi-Fi, White Screens enabled class room
Classroom 413, 4th floor, Central building	Mounted LCD, Wi-Fi, White Screens enabled class room
Commerce Lab 203	Mounted LCD, Wi-Fi, White Screens enabled Lab
302, 3rd floor, ISR	Mounted LCD Projector, LAN and White Screens enabled room
303, 3rd floor, ISR	LAN, White Screens enabled class room

304, 3rd floor, ISR	LAN, White Screens enabled class room
305, 3rd floor, ISR	Mounted LCD Projector, LAN and White Screens enabled room
306, 3rd floor, ISR	Mounted LCD Projector, LAN and White Screens enabled room
201, 2nd Floor, ISR	Mounted LCD Projector with Wi-Fi/ LAN and White Screens enabled room
202, 2nd Floor, ISR	Mounted LCD Projector with Wi-Fi/ LAN and White Screens enabled room
203, 2nd Floor, ISR	LCD with Wi-Fi/ LAN
204, 2nd Floor, ISR	Wi-Fi/ LAN
102, 1st floor, ISR	LCD with LAN
101, 1st floor, ISR	Mounted LCD Projector, LAN and White Screens enabled room
103, 1st floor, ISR	Mounted LCD Projector, LAN and White Screens enabled room
Research lab, 1st floor, ISR	Mounted LCD Projector, LAN and White Screens enabled room
203(A), 1st floor, central building	Mounted LCD Projector, LAN and White Screens enabled room
Class Room-03, IFT, central Building	LCD Projector, LAN and White Board Screens enabled room
Creative Area, IFT, Central Building	LCD Projector, LAN and White Board Screens enabled room
Mess Auditorium, Central Building	LCD Projector, LAN, Screens and audio enabled Hall
IES Auditorium	LCD Projector, LAN, Screens and audio enabled Hall

10.3. Library is automated using Integrated Library Management System (ILMS)

- ❖ Library is Automated by SOUL Version 2.0 (fully)
- ❖ Year of augmentation 2009

10.4. Subscription for the e-resources and expenditure of library resources

Library resources	If yes, details of memberships/subscriptions	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Expenditure on subscription to other e-resources (INR in lakhs)	Total Library Expenditure
Books	-	-	-	41063/-
Journals (Hard copy)	-	-	-	89340/-
e-journals	Elesvier (yearly subscription)	636150/-	-	636150/-

e-books	Pearson (Life long)	464067/-	-	464067/-
e-ShodhSindhu	N-LIST (INF/N- LIST/2020/274 5) (yearly subscription)	-	35400/-	35400/-
Shodhganga				
Databases	DELNET (IM-8614) (yearly subscription)	-	19470/-	19470/-
	KNIMBUS (2020-21/8452) (yearly subscription)	-	89680/-	89680/-
Local and / or Remote access to e-resources	Yes (Through website)	-	-	-

10.5 ICT Tools available

Total Computers	Computer Lab	Browsing centers	Computer Centers	Available Bandwidth (MBPS/GBPS)	Others (laptop/scanner/printer/ head phone with mic/etc)
372	8	1	1	100	65

11. GOVERNANCE, LEADERSHIP & MANAGEMENT:

11.1. Governing Body: Board of Governors

1	Chairman	Ar. Achal Choudhary	President, IESS	9826020161	Member Nominated
2	Member	Mr. Yogendra Jain	Vice- President, IESS	9826062829	By Foundation Society
3	Member	Mrs. K. Choudhary	Secretary, IESS	9826720161	---do---
4	Member	Mr. Rajesh Choudhary	IESS	9826728161	Donors Representative
5	Member	Dr. Ashok Kumar Sharma	School of Chemical Sciences, DAVV	9425962688	Members Nomination by DAVV, Indore

6	Member	Dr. B.K. Tripathi	IIPS, DAVV	9827048326	---do---
7	Member	Dr. Suresh Silawat	Regional Additional Director, Higher Education M.P.	9302100611	Nominated by Govt. of MP Ex-Officio
8	Member	Dr. Jitendra Tripathi	Teacher Representative	9425860675	
9	Member	Dr. Pratibha Sharma	Teacher Representative	7974113615	
10	Member	Dr. Premlata Gupta	Principal IPS Academy, Indore	9425054515	Ex-Officio Member Secretary
11	Member	Dr. Sanjay Nagar	Registrar-IPSA	9826077161	Special Invitee IPS Academy, Indore

11.2. Statutory & other Regulatory Committees:

Constituted

11.3. IQAC cell:

Yes,

Convener: Dr. Jitendra Tripath, Head, Physics Department

11.4. e-Governance

Areas of e-governance	Name of the Vendor with contact details	Year of implementation
Administration	<p>For Academic administration: In-house ERP provided by IT Unit, IPS Academy, Indore, 07314014558</p> <p>For Biometric attendance of Faculties and Staff: Venture Security Systems & Surveillance, 202 Sukhmani Warehousing, 5 Vishnupuri A. B. Road, Indore-452001, (Phone No.-9926623093)</p>	2018
Finance and Accounts	In-house ERP provided by IT Unit, IPS Academy, Indore, 07314014558	2018

Student Admission and Support	<p>Admission from Higher education: MP Higher Education (e-pravesh Portal) MP Online Limited Customer Care: 0755-6720201</p> <p>For admission enquiries: No Paper Forms NoPaperForms Solutions Pvt. Ltd. +91-7303393210</p> <p>For data management of admitted student and their support: In-house ERP provided by IT Unit, IPS Academy, Indore, 07314014558</p>	2018
Examination	<p>Main Examinations : Affiliating University (DAVV, Indore) MP Online Limited Customer Care: 0755-6720201</p> <p>Internal Examinations: In-house ERP provided by IT Unit, IPS Academy, Indore, 07314014558</p>	2018

11.5. Quality Initiatives

❖ Confernces, Seminars, Workshops on quality conducted

International Webinar on “Empowering Diversity in Science” in collaboration with Association of Chemistry Teachers C/O Homi Bhabha Centre for Science Education (TIFR), Mumbai on occasion of Global Women Breakfast 2021 (GWB-2021) announced by IUPAC. (09-02-2021)
Webinar on Innovation & Intellectual Property Rights (IPR) "Two days webinar on Knowledge about Copyrights" by Mr Nilesh Trivedi (Asst. Director) MSME-DI Indore Ministry of MSME Govt of India (24-25 June 2021)
Our Allumi Speak Chapter 1 (12/02/2021)
International Webinar on "Recent Trends in a Historian of Mathematics Viewpoint" (13-03-2021)
Workshop on Fashion Styling (27-04-2021)
Seminar on "Development of Entrepreneurship Skills" (02-03-2021)

Workshop on Bag Making (15-06-2021)
International e-Conference on “Futuristic Dimensions & Innovative Trends in Chemical Sciences” (6-7 Nov 2020)
National Webinar on "Motivation and Engagement, Leading with Vision and Purpose" (27-05-2021)
Webinar Augmented Reality "Two days training program for new software and apps for designing" by Mr Shajan C Kumar, a Renowned Fashion Communication Expert, Ex Professor-IAM Gurgaon, (25-26 May 2021)
Seminar on "System Chemistry, Approaches for mimicking Biological Function in Synthetic Network" Dr. Indrajeet Maity, Research Scientist, Institute of Macromolecular Chemistry Albert Ludurigs University of Freiburg, Germany (05-10-2020)
Seminar on "Scope of NMR & Environmental Studies in Chemistry" (24-10-2020)

❖ **Collaborative quality initiatives with other institution**

3 years (2019-2022) Collaborative Research Scheme (CRS) project "Preparation and characterization of refractory ceramics based polymeric composites" under RGPV TEQIP-III
PI: Dr. Jyotsna Chauhan University Institute of Technology, RGPV, Bhopal
Co-PI: Dr. Jitendra Tripathi IPS Academy Indore
Collaborative internship/Project work/Dissertation of M.Sc. students with different labs and institutes like :
<ul style="list-style-type: none"> ● Central Analytical laboratories ● Sun Pharma ● Maharaja Ranjit Singh College of Professional Sciences ● Modern Laboratories ● Ajanta Pharma Limited ● Dept. of Mechanical Engineering, IES IPSA, Indore

❖ **Orientation programme on quality issues for teachers and students organised by the institution**

e-induction ceremony for new UG and PG Science students (23-10-2020)

Online induction ceremony for new UG and PG commerce students (23-10-2020) to (31-10-2020)
Expert Lecture on “Numerical Methods” (09/11/2020)
Expert Lecture on “Complex Analysis and its Applications” (12/12/2020)
Physics for curious mind Lecture Series by Dr Pradeep Dubey (30-12-2020)
Physics for curious mind Lecture Series by Dr. Sandeep Chaturvedi (30-01-2021)
Physics for curious mind Lecture Series by Dr. S.B.Walenkar (12-03-2021)
One week national faculty development program on " Advanced Opportunities and implicit research technologies in sciences" (7-12 June 2021)
An Expert talk on 'The Art of Delivering Engaging Presentation' by Dr.Chumki Biswas (26/06/2021)

11.7. Quality Audit

❖ Academic Administrative Audit (AAA) and initiation of follow up action

➤ **Internal Audit:**

IQAC, IPS Academy of its different departments

➤ **External Audit:**

Dr. Anupam Sharma,
Associate Prof.,
Mainpal University Jaipur

Prof. G. S. Holkar
Retd. Prof.
Holkar Science College, Indore

➤ **Initiation of follow up actions:**

External Auditors have notified some short comings like:

- Non Ph.D faculties should be encouraged to do Ph.D
- Mentoring scheme should also be utilized in UG courses
- Encourage research activities by applying for more research projects
- Number of participation of students should be increased in Co-curricular activities
- Need to introduce more UG and PG job oriented courses

and IQAC IPS Academy is working to overcome these short comings.

12. VALUES AND BEST PRACTICES:

12.1. Green Initiatives:

- ❖ Department of Chemistry, ISR, IPS Academy has taken a decision to save environment through consideration of green chemistry principles. The following initiatives have been developed in the laboratory;
 - Developed and implement green experiment in PG program. Many of these experiments particularly involving toxic chemicals like liquid bromine, potassium cyanide, benzene, carbon tetrachloride are not at all safe to human health.
 - Developed microscale laboratory for UG Students Microscale chemistry experiments use small quantities of chemicals and simple equipment. These have the advantages of reducing costs, reducing safety hazards and allowing many experiments to be done quickly and sometimes outside of the laboratory.
 - Laboratory waste is degrading by Solar photocatalytic degradation method waste generated during experiment is successfully degraded by Solar radiations in the presence of catalyst.

12.2. Best practices:

❖ BEST PRACTICE-1

- **Title:** Industrial Visits & Fashion show.
- **Objective:** Practical exposure of classroom declines, learning new techniques used by industry, motivation. To showcase the creativity of the student, to learn the proper presentation time management backstage requirements, fashion styling, color combinations fabric knowledge, fashion forecasting designing skills, practical implementation of the creative idea / thought. Acceptation collection, theme bound designing.
- **Context:** Safety security of the students parental disagreements, health issues in case of out of town activities. Difference between the actual design & it's practical implementation due to resources availability, fitting issues, time boudation - backstage issues, expenses, security.
- **Practice:** Students try the art , they use tools & techniques. Witness the Apparel Manufacturing Process , designing process etc.uniqueness - National level event, Govt supported,students were used handloom fabric, students got opportunity to participated as a model,students experienced back stage management.
- **Evidence:**Photos of visit, students certificates of participation, photos of the show.
- **Problem encountered and Resources Required:** Difficult to know technique and technology in limited time period. Difficult to conduct a fashion show without

professional ramp, proper light, sound and sponsorship. Fillers selection between different rounds and time management is a challenge in conducting a fashion show.

❖ **BEST PRACTICE-2**

- **Title:** Income tax awareness program.
- **Objectives:** This awareness program was conducted for B.Com students to provide practical exposure on how to file income tax returns for themselves, family members and for their peers. The workshop was conducted in a simple language and with real forms and real time online demonstration on Income Tax website. As B.Com students are already acquainted with theoretical knowledge of income tax provisions, with the touch of practical demonstration we tried to make them able to apply the provisions with ease.
- **Context:** This awareness program was a simple step towards addressing complex issues for the betterment and sharpening skills of students. The main aim is to make students learn about:
 - I. Why to file income tax return?
 - II. Which form to choose?
 - III. How to make payment of tax?
 - IV. How to file the return?
 - V. What should be done after filing return of income?
- **Practice:** Guiding the students so that they may have a basic understanding of how to prepare and file an income tax return.
- **Problem encountered:** Availability of less time to conduct such a complex topic in a single session.
- **Resources required:** Projector, Camera, Display board, Computer system was required which was already available at our department