

## 1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process

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स्थापना - 14/07/1966,

शासनाधीन- 19.10.1981

Ph - 07824-222269 (O)  
07824-222271(R)

# शास. पं. जवाहर लाल नेहरू कला एवं विज्ञान स्नातकोत्तर महाविद्यालय बेमेतरा, (छ.ग.)

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर से सम्बद्ध  
विश्वविद्यालय अनुदान आयोग नई दिल्ली से 2(F) के अनुसार मान्यता प्राप्त







## GOVERNMENT Pt. J.L.N. ARTS AND SCIENCE P.G. COLLEGE, BEMETARA

Raipur Road District – Bemetara, Chhattisgarh – 491335, Website : [www.govtpgcollegebemetara.com](http://www.govtpgcollegebemetara.com)  
eMail ID : [pgcollegebemetara@gmail.com](mailto:pgcollegebemetara@gmail.com), Contact Number – 07824-222269, College Code – 1701

### 1.1 List of course combinations offered across all programs

S. No.	Program Level	Program code	Program Name	Duration (Months)	Year of introduction
1	UG	B.A.	B.A.Hindi Literature + Sociology + Political Science	36	1969
2	UG	B.A.	B.A.Hindi Literature + Sociology + Economics	36	1969
3	UG	B.A.	B.A.Hindi Literature + Sociology+Geography	36	1969
4	UG	B.A.	B.A.Hindi Literature+ Sociology + History	36	1969
5	UG	B.A.	B.A.Hindi Literature+ Political Science + Economics	36	1969
6	UG	B.A.	B.A.Hindi Literature+ Political Science + Geography	36	1969
7	UG	B.A.	B.A.Hindi Literature+ Political Science + History	36	1969
8	UG	B.A.	B.A.Hindi Literature+ Economics + Geography	36	1969
9	UG	B.A.	B.A.Hindi Literatures Economics + History	36	1969
10	UG	B.A.	B.A.Hindi Literature+ Geography + History	36	1969
11	UG	B.A.	B.A.Sociology + Political Science + Economics	36	1969
12	UG	B.A.	B.A.Sociology + Political Science + Geography	36	1969
13	UG	B.A.	B.A.Sociology + Political Science + History	36	1969
14	UG	B.A.	B.A.Sociology + Economics + Geography	36	1969
15	UG	B.A.	B.A.Sociology + Economics + History	36	1969
16	UG	B.A.	B.A.Sociology + Geography + History	36	1969
17	UG	B.A.	B.A.Political Science + Economics + Geography	36	1969
18	UG	B.A.	B.A.Political Science + Economics + History	36	1969
19	UG	B.A.	B.A.Political Science + Geography + History	36	1969
20	UG	B.A.	B.A.Economics+Geography+History	36	1969
21	UG	B.Sc.	B.Sc.Chemistry+Maths+Physics	36	1966
22	UG	B.Sc.	B.Sc.Computer science+Maths+Physics	36	2015-16
23	UG	B.Sc.	B.Sc.Chemistry+Botany+Zoology	36	1966
24	UG	B.Sc.	B.Sc.Chemistry+Biotech+Zoology	36	2015-16
25	UG	B.Com.	B.Com.	36	1982-83
26	UG	B.C.A.	B.C.A.	36	2018-19
27	PG	M.A.	M.A.Economics	24	1981-82
28	PG	M.A.	M.A.Geography	24	1982-83
29	PG	M.A.	M.A.English	24	2016-17
30	PG	M.Sc.	M.Sc.Botany	24	1988-89
31	PG	M.Sc.	M.Sc.Chemistry	24	1994
32	PG	M.Sc.	M.Sc.Mathematics	24	1988-89
33	PG	M.Com.	M.Com.	24	1992-93



PRINCIPAL  
Govt. Pt. J.L.N. Arts & Science  
P.G. College, Bemetara, Dist. Bemetara (C.G.)

Periods →	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Time →	7:30 - 8:10	8:10 - 8:50	8:50 - 9:30	9:40 - 10:20	10:20 - 11:00	11:00 - 11:40	11:40 - 12:20	12:20 - 1:00	1:00 - 1:40	1:40 - 2:20	2:20 - 3:00	3:00 - 4:00	4:00 - 4:40	4:40 - 5:20
BA-I	Library Hall	Library Hall	Library Hall	Political Science Hall	Sociology Hall	A1 HL MT EL WTH Enr FS Lib/Sports	Economics Hall	A2 HL MT EL WTH Enr FS Lib/Sports						
BA-II	Library 10	Political Science 10	Sociology 10	Hind Literature 10	Economics 10	HL WTH EL FS MT Lib/Sports	History 10							
BA-III	Political Science 01	Sociology 01	Hind Literature 01	Economics 01	Library 01	HL FS EL MT WTH Lib/Sports	Library 01							
MA Eco														
MA Geo														
B.Com-I	N-FS-I	N-FS-I	N-FS-I	Library Sports	Library Sports	HL MT EL WTH Enr FS Lib/Sports	N-FS-I	Library Sports						
B.Com-II	13	13	Library Sports	13	HL WTH EL FS									
B.Com-III	24	Library Sports	24	24	HL FS EL MT									
M.Com				N-FS-I	12 MT 24 WTH	N-FS-I	N-FS-I	Lib/Sports						
BSc-I Bio					Lib/Sports	Enr WTH MT EL FS	Enr WTH MT EL FS	Enr WTH MT EL FS						
BSc-I Maths					Maths 13		Maths 13	Chemistry N-FS-I						
BSc-II Bio					Lib/Sports		Zoology 10	Chemistry N-FS-I						
BSc-II Maths					Physics Practical WTH		Maths-13	Physics WTH						
BSc-III Bio					Zoology Practical MT		Chemistry	Zoology 05						
BSc-III Maths					Chemistry Practical FS		Maths WTH	Maths 13						
MSc Maths														



Principal  
 Govt. Pt. J.L.N. Arts & Science  
 PG College, Benares, Dist. Benares (C.G.)

TIME-TABLE 2016-17

Periods →	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Time →	7:30 - 8:10	8:10 - 8:50	8:50 - 9:30	9:30 - 10:20	10:20 - 11:00	11:00 - 11:40	11:40 - 12:20	12:20 - 1:00	1:00 - 1:40	1:40 - 2:20	2:20 - 3:00	3:00 - 4:00	4:00 - 4:40	4:40 - 5:20
I. Class														
BA-I	History H-1	Maths M-1	Lib/Sp L-1	Political Science P-1	Sociology S-1	A1 H.L. MT E.L. WTh Em. FS	Economics E-1	A2 H.L. MT E.L. WTh Em. FS						
BA-II	Geography G-1	Political Science P-2	Sociology S-2	Hind Literature H-2	Economics E-2	A1 H.L. WTh E.L. MT Lib/Sp	History H-2							
BA-III	Political Science P-3	Sociology S-3	Hind Literature H-3	Economics E-3	History H-3	A1 H.L. WTh E.L. MT Lib/Sp	Geography G-2							
MA Eco.														
MA Geo.														
B Com-I	N-1	N-2	N-3	Library Sp	Library Sp	A1 H.L. MT E.L. WTh Em. FS	N-4	Lib/Sp						
M.A. Eng.														
B Com-II	13	13	Library Sp											
B Com-III	24	Library Sp	24											
M.Com.		24	13											
BSc-I Bio.														
BSc-I Maths														
BSc-II Bio.														
BSc-II Maths														
BSc-III Bio.														
BSc-III Maths														
MSc Maths														



Principal

31-07-2016  
PRINCIPAL  
Govt. P.J.L.N. Arts & Science  
PG College Bemtlare, Dist. Anantnag (C.G.)



Govt. P.J.L.N. Arts & Science PG College Bemtare Dist. -  
 TIME-TABLE 2017-18

w.e.f. 31-07-2017

Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Time	7:30 - 8:15	8:15 - 8:50	8:50 - 9:30	9:40 - 10:20	10:20 - 11:00	11:00 - 11:40	11:40 - 12:20	12:20 - 1:00	1:00 - 1:40	1:40 - 2:20	2:20 - 3:00	3:00 - 4:00	4:00 - 4:40	4:40 - 5:20
BA-I	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci
BA-II	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci
BA-III	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci
MA-Eng	English	English	English	English	English	English	English	English	English	English	English	English	English	English
MA-His	History	History	History	History	History	History	History	History	History	History	History	History	History	History
MA-Pol	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci	Political Sci
MA-Soc	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology	Sociology
MA-Eco	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics	Economics
MA-Comp	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer	Computer
MA-Math	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths	Maths
MA-Phys	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics	Physics
MA-Chem	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry	Chemistry
MA-Bio	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology	Biology
MA-Env	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental	Environmental
MA-IT	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech	Information Tech
MA-Ed	Education	Education	Education	Education	Education	Education	Education	Education	Education	Education	Education	Education	Education	Education
MA-Lit	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature	Literature
MA-Phil	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy	Philosophy
MA-Psych	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology	Psychology
MA-Stat	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics	Statistics
MA-Gen	General	General	General	General	General	General	General	General	General	General	General	General	General	General



Signature  
 Date: 31-07-2017

Principal  
 Govt. P.J.L.N. Arts & Science  
 PG College Bemtare, Dist. Bemtare (G.)

Govt. P. J. N. Arts & Science PG College, Barmer Dist. - Rajasthan (C) 401335  
**TIME-TABLE 2018-19**

w.e.f. 05.08.2018

Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Time	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-1:00	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00
SA-I	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
SA-II	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
SA-III	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
MA-III	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-I	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-II	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-III	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-IV	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-V	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-VI	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-VII	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-VIII	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-IX	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-X	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-XI	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry
BC-XII	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry	English	Maths	Physics	Chemistry



Principal  
 Govt. P. J. N. Arts & Science PG College, Barmer Dist. - Rajasthan (C) 401335

Principal  
 Govt. P. J. N. Arts & Science PG College, Barmer Dist. - Rajasthan (C) 401335






Department of Geography  
TIME TABLE  
Session 2015-16

CLASS	07:30 - 08:10	08:10 - 08:50	08:50 - 09:40	09:40 - 10:20	10:20 - 11:00	11:00 - 11:40	11:40 - 12:20	12:20 - 01:00	01:00 - 02:30	02:00 - 02:40
B.A. I	---	---	---	Shri B.K. Rakesh	---	---	---	---	Practical (Mon, Tue)	---
B.A. II	Shri B.K. Rakesh	---	---	---	---	---	---	---	Practical (Wed, Thurs)	---
B.A. III	---	---	---	---	---	---	Dr. N. Dwivedi	---	Practical (Fri, Sat)	---
M.A. I	---	---	---	---	Climatology (Mon, Tue, Wed) Geography of India (Thurs, Fri, Sat) Dr. N. Dwivedi Room No. 23	Geographical Thought (Mon, Tue, Wed) Geomorphology (Thurs, Fri, Sat) Shri B.K. Rakesh Room No. 24	---	Practical (Mon, Tue, Wed)	---	---
M.A. III	---	---	---	---	---	---	Population Geography (Mon, Tue, Wed) Research Methodology (Thurs, Fri, Sat) Shri B.K. Rakesh Room No. 23	Settlement Geography (Mon, Tue, Wed) Biography & Ecosystem (Thurs, Fri, Sat) Dr. N. Dwivedi Room No. Hall	---	---

  
 HOD  
 Department of Geography  
 Govt. P.G. College, Bemetara



  
 प्रमुख  
 Dr. U.D.Sy  
 शास. पं. उच्चतर शिक्षा विभाग, जिला/ विभाग  
 समन्वयक/सहायक, जिला, बी.मेटरा (प.ग.)  
 Govt. P.G. College, Bemetara

Department of Arts Pera  
**TIME - TABLE**  
 Session ... 2015-16.  
 Dr. R.P. Tiwari (Asst. Professor Hindi)

Name of the A.P.	TIME	08:10 - 08:50	08:50 - 09:30	09:40 - 10:20	10:20 - 11:00	11:00 - 11:40	11:40 - 12:20	12:20 - 01:10	02:40 - 03:20
	DAY								
Dr. R.P. Tiwari	Monday	-----	-----	-----	-----	-----	B.Sc. I (FC Hindi Language)	B.A. I (FC Hindi Language)	B.Sc. II (FC Hindi Language)
	Tuesday	-----	-----	-----	-----	-----	B.Sc. I (FC Hindi Language)	B.A. I (FC Hindi Language)	B.Sc. II (FC Hindi Language)
	Wednesday	-----	-----	-----	-----	B.A. II (FC Hindi Language)	-----	-----	-----
	Thursday	B.A. III (Hindi Literature)	B.A. I (Hindi Literature)	B.A. II (Hindi Literature)	-----	B.A. II (FC Hindi Language)	-----	-----	-----
	Friday	B.A. III (Hindi Literature)	B.A. I (Hindi Literature)	B.A. II (Hindi Literature)	B.Com. III (FC Hindi Language)	-----	-----	-----	-----
	Saturday	B.A. III (Hindi Literature)	B.A. I (Hindi Literature)	B.A. II (Hindi Literature)	B.Com. III (FC Hindi Language)	-----	-----	-----	-----



*[Handwritten Signature]*

**प्रचारक**  
 श्री. ए. जगदलाल शर्मा, वेदम कला / विभाग  
 विश्वविद्यालय, इलाहाबाद (उ.प्र.)

TIME	08:10 - 08:50	08:50 - 09:30	09:40 - 10:20	10:20 - 11:00	11:00 - 11:40	11:40 - 12:20	12:20 - 01:10	02:40 - 03:20
DAY								
Monday	B.A. III (Hindi Literature)	B.A. I (Hindi Literature)	B.A. II (Hindi Literature)	B.Com. I (FC Hindi Language)	B.A. I (FC Hindi Language)	B.A. III (FC Hindi Language)	-----	-----
Tuesday	B.A. III (Hindi Literature)	B.A. I (Hindi Literature)	B.A. II (Hindi Literature)	B.Com. I (FC Hindi Language)	B.A. I (FC Hindi Language)	-----	-----	-----
Wednesday	B.A. III (Hindi Literature)	B.A. I (Hindi Literature)	B.A. II (Hindi Literature)	B.Com. II (FC Hindi Language)		-----	-----	B.Sc. III (FC Hindi Language)
Thursday	-----	-----	-----	B.Com. II (FC Hindi Language)		-----	-----	B.Sc. III (FC Hindi Language)
Friday	-----	-----	-----	-----	-----	-----	-----	-----
Saturday	-----	-----	-----	-----	-----	-----	-----	-----

Dr. Ku. S.K.  
Sharma



*[Handwritten signature]*

*[Handwritten signature]*  
**सिधार्थ**  
 अध्यक्ष, राज्य मंत्रालय / शिक्षा-  
 महाराष्ट्र, नई दिल्ली, भारत, 20101 (प.न.)

DEPARTMENT OF BOTANY / BIOTECHNOLOGY

TIME TABLE 2015-17

	11.00-11.40	11.40-12.20	12.20-01.00	01.00-01.40	01.40-02.00	02.00-02.40	02.40-03.20	03.20-04.00	04.00-04.40	04.40-05.20	Enrolled
I II III IV Sem	D. Soni		← Practical P.Sharma →	SK Sen D. Soni	R	JK Verma		← Practical SK Sen →			480
	P. Sharma (Th)	← Practical D.S. →				P. Sharma					118
I II III IV Sem	S.K. Sen (Th)	← Practical SKS →						← Seminar / Unit Test →			137
	D. Soni	← Practical P.Sharma →				SK Sen		← Seminar / Unit Test →			30
I II III IV Sem	P. Sharma (Th)	← Practical SKS →			E	P. Sharma		← Practical P.Sharma →			14
	S.K. Sen (Theory)	← Practical JKV →						← Seminar / Unit Test →			
I II III IV Sem	D. Soni	← Practical P.Sharma →				SK Sen		← Seminar / Unit Test →			
	← Practical JK Verma →				C	P. Sharma					
I II III IV Sem	S.K. Sen	← Practical SKS →						← Seminar / Unit Test →			
	P. Sharma (Th)	← Practical DS →						← Seminar / Unit Test →			
I II III IV Sem	D. Soni	← Practical JK Verma →				P. Sharma					
	← Practical SK Sen →				E	SK Sen					
I II III IV Sem	J.K. Verma	← Practical PS →						← Seminar / Unit Test →			
	P. Sharma (Th)	← Practical SKS →						← Seminar / Unit Test →			
I II III IV Sem	D. Soni	← Practical SK Sen →			S	P. Sharma					
						SK Sen					
I II III IV Sem	S.K. Sen (Th)	← Practical JK V. →						← Seminar / Unit Test →			
	D. Soni (Th)	← Practical P.S. →						← Seminars / Unit Test →			
I II III IV Sem	D. Soni	← Practical SK Sen →			S	P. Sharma					
						JK Verma					
I II III IV Sem	D. Soni (Th)	← Practical P.S. →						← Activity / Library / Project work →			
	JK Verma (Th)	← Practical JK V. →						← Activity / Library / Project work →			



01/9/15  
01/09/2015


01/09/2015  
01/09/15  
(JK Verma)



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara, Dist - Bemetara (C.G.) - 491335

TIME TABLE 2018-19

COMMERCE DEPARTMENT

Periods	1	2	3	4	5	6
Time	7:30-8:10	8:10-8:50	8:50-9:30	9:40-10:20	10:20-11:00	11:00-11:40
B.COM - I	—	Library & Sports	Busi. Communication (Mon, Tue, Wed) Busi. Environment (Thurs, Fri, Sat) ROOM NO. - 4 Mrs. Deepika Sarpraj	Busi. Mathematics (Mon, Tue, Wed) Busi. Econo. (Thurs, Fri, Sat) ROOM No. - 4 Mr. L.N. Gupta	Environmental Studies (Fri, Sat) ROOM No. - 4 Mr. L.N. Gupta Mrs. Deepika Sarpraj	Financial Account (Mon, Tue, Wed) BRF (Thurs, Fri, Sat) ROOM NO. - 4 Dr. S. Jaiswal
B.COM - II	Prin. Of Management (Mon, Tue, Wed) Fund. Of Entre. (Thurs, Fri, Sat) ROOM NO. - 5 Mrs. Deepika Sarpraj	Corporate Account (Mon, Tue, Wed) Company Law (Thurs, Fri, Sat) ROOM NO. - 5 Mr. L.N. Gupta	Cost Accountant (Mon, Tue, Wed) Busi. Statistics (Thurs, Fri, Sat) ROOM NO. - 5 Dr. S. Jaiswal	Library & Sports	—	—
B.COM - III	Auditing (Mon, Tue, Wed) Prin. Of Marketing (Thurs, Fri, Sat) ROOM NO. - 6 Mr. L.N. Gupta	Indirect Tax (Mon, Tue, Wed) International Marketing (Thurs, Fri, Sat) ROOM NO. - 6 Mrs. Deepika Sarpraj	Library & Sports	Income Tax (Mon, Tue, Wed, Thurs) ROOM NO. - 6 Dr. S. Jaiswal	Management Account (Wed, Thurs) ROOM NO. - 6 Dr. S. Jaiswal	—
B.COM - I SEM	—	Advance Account (Mon, Tue, Wed) ROOM NO. - 5 Mr. L.N. Gupta	Statistical Analysis (Thurs, Fri, Sat) Dr. S. Jaiswal Managerial Economics (Mon, Tue, Wed) ROOM NO. - 12 Mr. L.N. Gupta	Income Tax Law & Account (Mon, Tue, Wed, Thurs) ROOM NO. - 6 Dr. S. Jaiswal	Corporate Legal Framework (Mon, Tue, Wed, Thurs) ROOM NO. - 12 Mrs. Deepika Sarpraj	—
COM - III SEM	—		Advance Cost Accounting (Mon, Tue, Wed) ROOM NO. - 5 Dr. S. Jaiswal	Library & Sports	Management Account - & Accounting for Managerial Decision (Thurs, Fri, Sat) ROOM No. - 12 Dr. S. Jaiswal	Management Concept (Mon, Tue, Wed), Mr. L.N. Gupta Organisational Behaviour (Thurs, Fri, Sat) ROOM No. - 12 Mrs. Deepika Sarpraj

**GOVT. PT.J.L.N.ARTS & SCIENCE COLLEGE, BEMETARA**

**Deptt. Of Mathematics**

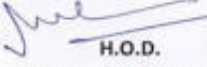
**Work Load Distribution**

**Session 2015-16**

S. No.	Name Of Teacher	Class	Subject	No. Of Periods	Total
1	Mr. M. F. Khan	B.Sc.I	Maths	9	26
		B.Sc.III	Maths	2	
		M.Sc. I SEM	Topology	7	
		M.Sc. III SEM	Operation Research Graph Theory	8	
2	Ms. S. Sharma	B.Sc.II	Maths	9	31
		B.Sc.III	Maths	7	
		M.Sc. I SEM	Real Analysis	8	
			Complex Analysis		
		M.Sc. III SEM	IT & FA	7	
Fuzzy Theory					
3	Ku. B. Upadhyay	M.Sc. I SEM	Abstract Algebra	8	15
			Discrete Mathematics		
		M.Sc. III SEM	PDE & Mechanics	7	
				Grand Total	72

  
**प्राचार्य**  
 शा.स. पी. जयशंकर लाल मेढक काला / विभाग  
 गणितशास्त्र महाविद्यालय, जेजुरा, डि. के.के.सि. (ए.ए.ए.)



  
**H.O.D.**  
**Deptt. Of Mathematics**  
**H. O. D.**  
 Department of Mathematics  
 Govt. Pt. J.L.N.P.G. College, Bemetara

# हिन्दी विभाग 2015-16

क्र.	सहायक प्राध्यापक का नाम	कक्षा	विषय	साक्षात्कार कालखण्ड
1	ज. शरणी तिकरी	BA-I	हिन्दी साहित्य	03
		BA-II	"	03
		BA-III	"	03
		BA-I A2	हिन्दी भाषा	02
		BA-II	"	02
		B.COM III	"	02
		BSC-I	"	02
		BSC-II	"	02
			कुल	(19)
2	ज. कु. एस. शर्मा	BA-I	हिन्दी साहित्य	03
		BA-II	"	03
		BA-III	"	03
		BA-I A1	हिन्दी भाषा	02
		BA-III	"	02
		B.COM I	"	02
		B.COM II	"	02
		BSC-III	"	02
			कुल	(19)



प्राचार्य  
शा. सं. व. जवाहर लाल नेहरू कला/ विज्ञान  
स्नातकोत्तर महाविद्यालय, अमरावती, जि. बरेilly (रा. प्र.)

शर्मा

**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara (C.G.)**

**Department of Physics**

**Session 2016-17**

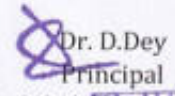
**Weekly Work Load**

S. No.	Name of the Professor	Class	Name of Paper	Name of Period	Total Classes
1	Shri D.R. Sahu	B.Sc. I	Physics Paper I & II Theory	6	15
			Physics Paper I & II Practical	9	
B.Sc. II		Physics Paper I & II Theory	6	19	
		Physics Paper I & II Practical	13		
B.Sc. III		Physics Paper I & II Theory	6	19	
		Physics Paper I & II Practical	13		
Grand Total					53

  
HOD

Department of Physics  
Govt. P.G. College, Bemetara



  
Dr. D. Dey  
Principal

Govt. P.G. College, Bemetara  
शास. पी. जवाहर लाल नेहरू कॉलेज  
स्नातकोत्तर महाविद्यालय, बेमेतरा, जि. बेमेतरा (छ.प.)



Govt. Pt. J.L.N.Arts and Science PG Collage Bemetara

Deptt. Of History  
Work Load Distribution  
Session – 2016-17

S.No.	Name Of Teacher	Class	Subject	No. Of Period	Total
1.	Mrs. K. Sahu	B.A.I	History	6	24
		B.A.II	History	6	
		B.A.III	History	6	
		B.A.I	Environment	3	
		Bsc(Maths)I	Environment	3	



*K. Sahu*

*[Signature]*

शास. पं. जयशंकर  
स्नातकोत्तर महाविद्यालय, बरभय, ज.प. बरभय (उ.प.),

**GOVT. PT.J.L.N.ARTS & SCIENCE COLLEGE, BEMETARA**

**Deptt. Of Chemistry  
Work Load Distribution  
Session 2017-2018**

S. No.	Name Of Teacher	Class	Subject	No. Of Periods	Total
1	Dr.Mrs.Veena Tripathi	Theory/Practicals B.Sc.1	Organic Chemistry	4	32
		Theory /practicals B.Sc.2	Organic chemistry	4	
		Theory /practicals B.Sc 3	Organic Chemistry	4	
		Theory /practicals M.Sc 1 M.Sc.3	Spectroscopy Chemistry of natural product	20	
2	Dr.Sandhya Baghel	Theory/Practicals B.Sc 1	Physical chemistry	8	30
		Theory /Practicals B.Sc 2	Physical chemistry	2	
		Theory /practiualcs B.Sc .3	Physical Chemistry Practicals 1,2,3	8	
		M.Sc.First ,M.Sc.third	Concept in organic Chemistry	12	
			Resonance spectroscopy,solid state,		
3	Mr.Yugal kishor Jangde	Theory /Practicals B.Sc.1,2,3	Inorganic Chemistry B.Sc.1,2,3, Practicalcs	12,6,2	36
		M.Sc.First ,M.Sc.third	Inorganic,Analytical	16	
		<b>Total</b>			



  
 H.O.D.  
 DEPT.OF CHEMISTRY

**प्राचार्य**  
 शा.पं. जवाहर लाल नेहरू कला / विज्ञान  
 महाविद्यालय, बेमेटारा

Govt. Pt. J. L. N. Arts & Science College, Bemetara

Dept of Biotechnology  
Work Load Distribution  
Session 2017-18

Name of Teacher	Class	Subject	No. of Periods	Total
① Khushboo Sahu	BSc. I	Biochemistry, Maths	03	18
		Cell biology	03	
	BSc. II	Molecular biology	03	
		Recombinant DNA technology	03	
	BSc. III	General biotechnology	03	
		Immunology	03	



  
प्राचार्य

डा. पी. जगदीश शर्मा, प्रिंसिपल/ विभागाध्यक्ष  
बायोटेक्नोलॉजी विभाग, बि. जे. एन. कॉलेज, बि. जे. एन. कॉलेज

**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara (C.G.)**  
**Department of Geography**  
**Session 2018-19**  
**Weekly Work Load**

S. No.	Name of the Professor	Class	Name of Subject	No. of Period		Total Classes
				Theory	Practical	
1	Dr. D.D. Dwivedi	B.A. II	Geography Paper I & Paper II	6	5	26
2		B.A. III	Geography Paper I & Paper II	3		
3		M.A. I Semester	Climatology	3		
4			Geographical Thought	3		
5		M.A. III Semester	Settlement Geography	3		
6			Biogeography & Ecosystem	3		
7	Ku. S.D. Bervanshi	B.A. I	Geography Paper I & Paper II	6	5	26
8		B.A. III	Geography Paper I & Paper II	3		
9		M.A. I Semester	Geography of India	3		
10			Geomorphology	3		
11		M.A. III Semester	Population Geography	3		
12			Research Methodology	3		
Grand Total						52

  
**प्रचारक**  
 प्रा. प्र. जलानन्द शर्मा / प्रिन्सिपल  
 भूगोल विभाग, बेमेटारा (C.G.)







**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara (C.G.)**

**Department of Commerce**

**Session 2019-20**

**Weekly Work Load**

S. No.	Name of the Professor	Class	Name of Paper	Name of Period	Total Classes
1	Dr. Seema Jaiswal	B.Com. I	Financial Account	5	21
2		B.Com. II	Cost Account	3	
			Business Statistics	3	
3		B.Com. III	Income Tax	5	
			Management Account	5	
4		M.Com. I	Statistical Analysis	Combined Classes with B. com II & III	
			Income Tax Law & Account		
5		M.Com. III	Advance Cost Account	Combined Classes with B. com II & III	
			Management Account		
			Accounting For Managerial Decision		
6	Shri L.N. Gupta	B.Com. I	Business Maths	3	24
			Business Economics	3	
7		B.Com. II	Corporate Account	3	
			Company Law	3	
8		B.Com. III	Auditing	3	
			Principle of Marketing	3	
9		M.Com. I	Advance Account	Combined Classes with B. com II	
			Managerial Economics		
10		M.Com. III	Management Concept	4	
			Organisational Behaviour	2	
11	Miss Deepika Sarparaj	B.Com. I	Business Communication	2	24
			B.R.F.	3	
			Business Environment	3	
			Environmental Studies	1	
			Principle of Management	3	
12		B.Com. II	Fundamental of Entrepreneurship	3	
			Indirect Tax	3	
13		B.Com. III	International Marketing	3	
14		M.Com. I	Corporate Legal Framework	3	
Grand Total					



*(Handwritten signature)*

**प्राचार्य**

भा.स. पं. जवाहर लाल नेहरू कला / वि.  
जवाहरलाल महाविद्यालय, बेमेतरा, जि. बेमेतरा।छ.

Dr. P. J. N. Arora to Science T. Q. College, Sonbata  
Department of Botany  
Work Load Distribution (2019-2020)

S.No.	Name of Faculty	Class	Subject	No. of periods	Total
01	Iyde Awasthi	B.Sc III	Botany	06	23
		M.Sc I	Cell Biology	05	
		M.Sc III	Microbiology	02	
			Plant Biotechnology Plant Ecology	08 02	
02	Rashmi Sharma	B.Sc I	Botany	06	24
		M.Sc I	Bryophyta, Pteridophyta & Gymnosperms	05	
		M.Sc III	Mycology	04	
			Plant Taxonomy Plant Ecology	06 03	
03	Kanya Pandey	B.Sc II	Botany	06	24
		M.Sc I	Geneless	05	
		M.Sc III	Physiology	03	
			Plant development & plant hormones	03	

प्रो. पी. जे. एन. अरोरा / कुल-  
 प्रमुख, विज्ञान विभाग, सोनबता (उ.प्र.)



Prof. Pt. J.L.N. Arts & Science P.G. College, Bhandara  
Work-Load Distribution (Practical) 2019-2020.

S.No.	Name of faculty	Class.	Practical	No. of Period	Total
01	Iyach Ananthi	Bsc III	Botany	02	06
		Msc I	Lab Course - I	02	
		Msc III	Lab Course - II	02	
02	Kashmi Sharma	Bsc III	Botany	06	10
		Msc I	Lab Course II	02	
		Msc III	Lab Course II	02	
03	Bhagy Pandey	Bsc III	Botany	02	04
		Msc I	Lab Course - II	01	
		Msc III	Lab Course I	01	



  
 प्रमुख  
 IQAC  
 Pt. J.L.N. Arts & Science P.G. College, Bhandara  
 447 101



# BOTANY DEPARTMENT

2015-2016



आज दिनांक 08/09/2015 को परम्परानुसार इस वर्ष भी वनस्पति शास्त्र परिषद का गठन समय 12:00 PM में वनस्पति शास्त्र परिषद के विभागाध्यक्ष प्रो. जे. के. वर्मा सर की उपास्थान में परिषद गठन का आयोजन किया गया है।

## परिषद गठन करने का उद्देश्य

\* उपलब्ध समस्त विभिन्न शाहनों का प्रयोग करते हुए छात्र-छात्राओं में बहुमुखी प्रतिभा का विकास करना है।



## परिषद के कार्य

1. विद्यार्थियों का पूर्ण दोहन करते हुए छात्र, शिक्षक एवं प्रयोगशाला के मध्य सामंजस्य स्थापित करना।
2. विगत परिषद की कमियों एवं उपलब्धियों पर M.Sc. छात्र/छात्राओं का मत प्राप्त करना।



# वनस्पति शास्त्र परिषद का गठन



बेमेतरा. शासकीय पंडित जवाहर लाल नेहरू कला एवं विज्ञान स्नातकोत्तर महाविद्यालय बेमेतरा वनस्पति शास्त्र विभाग में वनस्पति शास्त्र परिषद् का गठन किया गया साथ ही एमएस सी तृतीय सेमेस्टर द्वारा नव प्रवेशित प्रथम सेमेस्टर के छात्र-छात्राओं के लिए स्वागत

समारोह का आयोजन किया गया. परिषद् के अध्यक्ष रामेश्वर साहू, उपाध्यक्ष कुमारी वर्षा निर्मलकर, सचिव कुमारी डोमीन साहू एवं कोषाध्यक्ष दिनेश गर्ग को सर्व सम्मति से मनोनित किया गया. इस कार्यक्रम में उपस्थित समस्त छात्र-छात्राओं को परिषद् गठन के उद्देश्य, विभाग

की उपलब्धियों तथा विभागीय गतिविधियों से अवगत कराते हुए विभागाध्यक्ष प्रो जेके वर्मा ने कहा कि पृथ्वी में सबसे अमूल्य पदार्थ है तो वह समय है. इसलिए सभी छात्र-छात्राओं को समय पर अपना कार्य पूर्ण करना है तथा विभाग में उपलब्ध सभी संसाधनों का भरपूर उपयोग करते हुए अपने लक्ष्य को पाने के लिए अथक एवं निरंतर प्रयास करना एवं विभाग के परंपराओं को आगे बढ़ाते रहना है. इसी तरह डॉ सतीश कुमार सेन ने छात्र-छात्राओं को अपना लक्ष्य निश्चित करके प्रतिस्पर्धा परीक्षा की तैयारी करना तथा अध्ययन काल में इसे पूर्ण करने हेतु प्रयत्न शील रहने को प्रेरित किया. कार्यक्रम का संचालन जागेश्वर पटेल एवं कुमारी सीमा ठाकुर द्वारा किया गया. आभार व्यक्त करते हुए कार्यक्रम का समापन परिषद् के अध्यक्ष रामेश्वर साहू द्वारा किया गया.



अध्यक्ष  
रामेश्वर साहू  
M.Sc.-III



उपाध्यक्ष  
वर्षा निर्मलकर  
M.Sc.-III



सचिव  
डोमीन साहू  
M.Sc.-I



कोषाध्यक्ष  
दिनेश गर्ग  
M.Sc.-I



# Botanical Society

2016-17



2018-19





2016-17

Date  
Page

dated 02 sep 2016  
विद्यार्थी परिषद की बैठक बुधवार 24 में उपरोक्त  
3.00 बजे आयोजित की गई। इसमें पीछे  
के पदाधिकारियों का मनोमन प्रस्तावक से  
समर्थनों और सदस्यों की सर्वसम्मति से किया  
गया जो निम्नवत् रहा -

शांतिनाथ पीछे पदाधिकारीगण

MSc. III sem

- |                                |                       |
|--------------------------------|-----------------------|
| 1. अध्यक्ष - कु. सुनिता कुमारी | उपाध्यक्ष - कु. मनिषा |
| प्रस्तावक - सुषमा              | प्रस्तावक - लक्ष्मी   |
| समर्थक - सुश्रवाणी             | समर्थक - अनजय कुमार   |



MSc. I sem

- |                          |                      |
|--------------------------|----------------------|
| 2. अध्यक्ष - दुर्गेशा    | सचिव - सुरहीन तिवारा |
| प्रस्तावक - अमिताभ शर्मा | प्रस्तावक - रजनीश    |
| समर्थक - रामडिबुन        | समर्थक - वैशाली      |

परिषद के उद्देश्य एवं कार्य के संवेध में निम्नप्रकार  
रखाने से और बताया गया जब बैठक में  
निम्न प्रस्ताव पारित किए गए -

- 1) प्रथम मूनिट रैल - सितंबर माह में एवं द्वितीय  
अक्टूबर माह के अंत में आयोजित किया जाएगा
- 2) द्वितीय मूनिट रैल परीक्षाएं नवंबर माह के अंत में  
की जाएगी
- 3) सेमिनार एवं अकादमिक संबंधी जानकारी  
निम्नप्रकार सूचनाओं और बड में दीयता की  
जाएगी।
- 4) कौशल कार्यक्रम/कृतियोगी पाठ्य - मार्गदर्शन



### कार्यक्रम और जाहंगी

① Personality development programme की अंतर्गत कुछ डिब्बाने आयोजित किए जायेंगे जो समसामयिक विषयों पर अंतर्गत-रीसों इस केंद्र में निम्नलिखित आयोजित की

- ① विश्वासघात - June
- ② सहिष्णुता - July
- ③ अहंकार - Purnima Sela
- ④ स्वाहंकार - Rajesh
- ⑤ शोषण - Shagmati
- ⑥ क्षमा - Anisha

H. O. Dr. Mathur  
Department of Mathematics  
Pt. J. N. P. G. College, Deemata

### M.Sc. III sem -

- Dr. Joshi
- K. Soni
- Lamash
- शोरी
- Sunder
- Shalendra
- Neha
- N. Sahay
- Rajesh
- Seemir
- Mohani
- SUSHAMA
- Seema
- Mona
- मिर्झा
- Purnima





शासकीय कला एवं विज्ञान स्नातकोत्तर महाविद्यालय, बेमेतरा  
गणित विभाग  
गठन-गणितीय परिषद  
दिनांक-12-09-2018



**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara**  
**DEPARTMENT OF MATHEMATICS**  
**Mathematical Society**  
**03.09.2019**





आज दिनांक 22/08/2016 दिन सोमवार को अर्थशास्त्र विभाग के एम. ए. प्रथम एवं तृतीय सेमेस्टर के छात्र-छात्राओं के संयुक्त बैठक आयोजित की गई। जिसमें निम्नलिखित निर्णय लिये गए।

प्रस्ताव:-

अर्थशास्त्र परिषद के गठन के सम्बन्ध में।

निर्णय:-

सर्वसम्मति से अर्थशास्त्र परिषद के गठन का निर्णय लेते हुए विन्नानुसार पदाधिकारियों का चयन किया गया।

- |               |   |   |
|---------------|---|---|
| 1. अध्यक्ष    | - | कु. प्रेमलता (3 <sup>rd</sup> sem.)     |
| 2. आध्यक्ष    | - | कु. रश्मि गौगवर (1 <sup>st</sup> sem.)  |
| 3. सचिव       | - | कु. गौरी देवांगन (3 <sup>rd</sup> sem.) |
| 4. सह सचिव    | - | ट. केशव (1 <sup>st</sup> sem.)          |
| 5. कोषाध्यक्ष | - | दिनबन्धु (3 <sup>rd</sup> sem.)         |

प्रस्ताव:-

विभागीय सेमिनार के सम्बन्ध में।

निर्णय:-

सर्वसम्मति से निर्णय लिया जाता है कि प्रत्येक शनिवार को एम. ए. प्रथम एवं तृतीय सेमेस्टर के एक-एक छात्र-छात्राओं के द्वारा पूर्व निर्धारित विषय पर अपना आलेख प्रस्तुत किया जायेगा।



# Society of Economics

2018-19





नोटिस

वाणिज्य विभाग के प्राध्यापकों को सूचित किया जाता है कि 12-10-2017 को 1 वजे उम्मीदवारों को मीटिंग्ग रानी गर हों और सभी प्राध्यापकों को उपस्थिति अनिवार्य है।

- अर्थव्यवस्था :- 1) समय सारणी
- 2) इच्छा परीक्षा का लेखाल व लिपिज निष्पत्ति

प्राध्यापकों के नाम व पता

- 1) श्री सुलोक गुप्ता
- 2) श्री जी.पी. पटेल

*(Signature)*  
 डॉ. श्रीमा जायलवाल  
 विभागाध्यक्ष वाणिज्य विभाग



सूचना :-

- 1) पटले से डॉ. सुलोक गुप्ता के आने से विषय को में फेरबदल किया गया।
- 2) विभागाध्यक्ष का प्रकाश रहा कि सभी को मापक विषय ही मिले।
- 3) प्राध्यापकों को यह निर्देश दिया गया कि प्रत्येक माह के अंत में फेरबदल परीक्षा का आयोजन किया जाएगा इसलिए समय पर पाठ्यक्रम को पूरा करने का निर्देश दिया गया।
- 4) यदि किसी किसी परीक्षा में अनुपस्थित रहता है तो इस विषय से संबंधित प्राध्यापक अपनी सुविधा के अनुसार किसी अन्य किसी परीक्षा ले सकते हैं।
- 5) सभी प्राध्यापकों को इच्छा परीक्षा का प्रश्नपत्र समय पर तैयार करने कहा गया।

Govt. Pt. J.L.N. Arts & Science PG College Bemetara

Department of Commerce

Constitution of Commerce Association

Session 2018-19





**Govt.Pt. J.L.N. Arts & Science PG College Bemetara**

**Department of Commerce**

**Constitution of Commerce Association**

**Session 2019-20**



## विभागीय परिषद का गठन

पूर्व प्रसारित सूचना के आधार पर आज दिनांक को स्थायन शास्त्र विभाग द्वारा विभागीय परिषद का गठन किया गया एवं गठन की कार्यप्रणाली बारे में विद्यार्थियों को अवगत कराया गया। विभागीय परिषद का स्वरूप निम्नानुसार है -

संरक्षक - डॉ. (श्रीमती) वीणा त्रिपाठी

सदस्य - डॉ. संस्था बघेल

सदस्य - श्री युगल किशोर पांगड़े



द्वार सदस्य

अध्यक्ष - तृतीय सेमेस्टर - लिलेश्वरी साहू

उपाध्यक्ष - प्रथम सेमेस्टर - पुष्पाबली साहू

सदस्य - प्रथम सेमेस्टर	ललितेश्वरी वर्मा
प्रथम सेमेस्टर	शोभित सोनी
तृतीय सेमेस्टर	योगिता देवांगन
तृतीय सेमेस्टर	ओमप्रकाश देवांगन

विभागीय परिषद की बैठक में महत्वपूर्ण निर्णय लिए गए जो निम्नानुसार है -

- ① समस्त विद्यार्थियों द्वारा महाविद्यालय के निर्णयों का पालन किया जाएगा।
- ② समस्त विद्यार्थियों, शिक्षक एवं स्टाफ द्वारा समय सारणी का पालन करना सुनिश्चित किया जाएगा।
- ③ विभाग में प्रति सेमेस्टर दो आंतरिक मूल्यांकन एवं एक सेमिनार का आयोजन प्रत्येक वेपर से किया जाएगा। सेमिनार का आयोजन समूह एवं स्कूल दोनों प्रकार से किया जाएगा।
- ④ परिषद में यह निर्णय लिया गया कि प्रतिवर्षानुसार इन्होंने भी वेलकम व फेयरवेल कार्यक्रम का आयोजन किया जाएगा।



- 5) विभाग के द्वारा कुछ विशेष अवसरों पर प्रबन्ध मंच का आयोजन किया जायेगा।
- 6) महाविद्यालय स्तर पर / विश्वविद्यालय स्तर पर आयोजित विभिन्न प्रतियोगिताओं में विभाग के विद्यार्थी भाग लेंगे।
- 7) प्रयोगशाला में प्रयोगशाला के नियमों का पालन किया जायेगा।
- 8) प्रयोगशाला की स्टाफ-सफाई एवं प्रबंधन की जिम्मेदारी सभी विद्यार्थियों एवं पूरे विभाग को सौंपी गई।
- 9) विभागीय ग्रंथालय का समुचित संचालन किया जायेगा।
- 10) पर्यावरण एवं पर्यावरण से संबंधित कुछ दिवस तथा विज्ञान दिवस का आयोजन किया जायेगा।



*[Signature]*  
 Anant Veer Singh

I Semester

III Semester

1. अरविंद कुमार
2. फलित कुमार
3. रणुका
4. शहील
5. शोभेश्वर
6. वैद्यराज प्रजापत
7. किरण
8. पुष्पांजलि
9. शोभित शोनी
10. जितेंद्री कानि
11. सीरा सोनकर
12. चंद्रकाण
13. उर्वशी
14. डिजे शर्मा
15. शफिया अली
16. साक्षी ठाकुर

1. पूजा तिवारी
2. तिवेंद्र
3. अनीत कुमार
4. सीमा सिन्हा
5. सिद्धि शुक्ला
6. वानू शर्मा
7. प्रमोद राजपूत
8. कंचि वर्मा
9. ओम प्रकाश
10. अमिता देवांगन
11. स्वाति
12. सोनाली शोनी
13. रिबलेवरी
14. शोभिता
15. सीमा पटेल
16. नैमेश्वरी
17. लिलेश्वरी





नोटिस

भूगोल विभाग के प्राध्यापकों को सूचित किया जाता है कि 18/08/2018 को 12.30 बजे भूगोल विभाग में बैठक रखी गई है जिसमें सभी की उपस्थिति अनिवार्य है।

कार्य सूची



भूगोल परिषद् का गठन व तिथि का निर्धारण करना।

*(Signature)*

सहा. प्राध्यापक (भूगोल)  
① सुश्री एस.डी. बेरवंशी

विभागाध्यक्ष  
(भूगोल विभाग)

बैठक सार :- ① बैठक में सर्वसम्मति से 25/08/18 को भूगोल परिषद् के गठन किये जाने का निर्णय लिया गया।

- ② पदाधिकारियों की नियुक्ति सर्वसम्मति से की जायेगी।
- ③ बैठक में यह निर्णय लिया गया कि विभागीय गतिविधियाँ परिषद् के निर्णयानुसार होंगी।
- ④ अगर विद्यार्थी कोई भी कार्यक्रम अपने स्तर पर आयोजित करना चाहते हैं तो इसे विभागाध्यक्ष से अनुमति लेनी होगी।
- ⑤ विभागीय गतिविधियों के दौरान हथों को पूर्ण उद्भूत रहना होगा।
- ⑥ विभागीय व्ययनाओं का पूर्णतः पालन करना होगा।

Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... हिन्दी

Session ..... 2015-16

Class :- बी.एड I (हिन्दी व्यासाह्वय)

Subject :- हिन्दी साहित्य - द्वितीय प्रश्नपत्र । प्रकांक 75

Lecture No.	Topic to be Covered	Remark
30	कथा साहित्य भिकाशकी (जयशंकर 'प्रसाद') कफन (प्रेमचन्द)	पूर्ण
30	परदा (रश्माजाल) देस (फकीरनाथ रेणु) मलबे का मालिक (मोहन राकेश)	पूर्ण
24	वीक की दावत (भीष्मसाहनी) बिराहरी बाहुर (राजेन्द्र यादव) गदल (शंभु राघव)	पूर्ण
20	उपन्यास 'गधन' - प्रेमचन्द	पूर्ण
16	दुतपहन - उपेन्द्रनाथ त्रिपाठी, बालशौरि रेड्डी, शिवानी कठनी एवं उपन्यास विद्या।	पूर्ण
120		

प्राप्त

शास. पं. जवाहर लाल नेहरू कला/ विज्ञान  
विश्वविद्यालय, बेंमेटरा, जि. बेंमेटरा (छ.ग.)



Name of Teacher -  
Signature







**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara**  
**Teaching Plan**

Name Of Department- Sociology  
Session 2015-16

Class :-B.A. – Part I

Subject:- FOUNDATIONS OF SOCIOLOGICAL THOUGHT Paper II

Lecture No.	Topic to be Covered	Remark
10	<b>UNIT-1</b> The Pioneers : emergence of Sociology. Comte : Positivism - Spencer - Social Darwinism, Superorganic evolution	
10	<b>UNIT-2</b> The Classical tradition Durkheim - Social Solidarity and Suicide. Weber authority and the protestant Ethic and the spirit of capitalism.	
10	<b>UNIT-3</b> Marx : Materialist Conception of history and class struggle.	
10	<b>UNIT-4</b> Pareto : Circulation of elites and logical and nonlogical action.	
10	<b>UNIT-5</b> Development of Sociological thought in India :- Mahatma Gandhi Ahinsa, Satya Graha, Radha Kamal Mukerjee - The Concept Of Value.	

Name of Teacher-  
Signature-



Teaching Plan

Name of Department राजनीति - विज्ञान

Session 2015-16

Class :- B.A II

Subject :- राजनीति - विज्ञान - द्वितीय पत्र - (उत्तम/मध्य/अच्छा/बुरा/राजनीति)

Lecture No.	Topic to be Covered	Remark
18	<u>इकोनॉमी</u> - <u>उत्तम/मध्य</u> राजनीति: कार्य, पहल एवं केंद्र, लक्ष्य। <u>उत्तम/मध्य</u> राजनीति के अध्ययन के उपाय - राजनीतिक व्यवस्था, उपाय के विवरण, एवं सामंजस्य, पारदर्शिता, संवैधानिक प्रणालियाँ। एवं संविधान की विशेषताएँ।	<u>पुस्तक संख्या</u> <u>06/1/15</u>
18	<u>इकोनॉमी</u> - <u>संवैधानिक संरचना</u> - कार्यपालिका का कार्य, प्रचार, आदि के विवरण, उत्तम/मध्य विवरण।	
18	<u>संवैधानिक संरचना</u> - <u>संसदीय</u> - संसद, कार्य, विवरण। <u>संवैधानिक संरचना</u> - <u>पंचायत</u> - पंचायत, उत्तम/मध्य अध्ययन।	
18	<u>संवैधानिक संरचना</u> - <u>न्यायपालिका</u> - कार्य, अवकाश, महत्व, विधि का आकांक्षित एवं न्यायिक सुधार लक्ष्य।	
18	<u>इकोनॉमी</u> - <u>राजनीतिक संरचना</u> एवं राजनीतिक संगठन की संरचना, राजनीतिक - विशेषताएँ एवं महत्व, संभावित - कार्य, प्रचार, परिभाषा एवं महत्व, राजनीतिक - उद्देश्यों में सभी की शक्ति।	



नाम, पं. जय...  
स्नातकोत्तर महाविद्यालय, बेमेतरा, जि. बेमेतरा (छ.ग.)

Name of Teacher - उज्ज्वला उरफ  
Signature [Signature]



Teaching Plan

Name of Department राजनीति विज्ञान


Session 2015-16

Class :- B.A II

Subject :- राजनीति विज्ञान - प्रथम प्रश्नपत्र - प्रमुख वाचन विचार (क), एवं विचार (घ) (द) -

Lecture No.	Topic to be Covered	Remark
18	<p>इकाई-01 01 लोकतंत्र - जीवनपरिचय: प्रभाव, पाठ्य विभाग, शिक्षा विभाग, साम्यवाद, उद्देशिक शासन, विधिक शासन, (अकार्शरिवाय) मूलधर्मिता, 02 केंद्र - जीवनपरिचय, स्वतंत्र, राज्य व्यवस्था, कार्य, शासन का वर्गीकरण शासन-पर, नागरिक, साम्यवाद, शांतिक व्यवस्था विचार, कार्शरिवाय, लोकतंत्र का विकास की तुलना, मूलधर्मिता - कार्योपना कालि</p>	<p>प्रति कक्षा 6 पीरियड</p>
18	<p>इकाई 02 01 मीडियावली - राज्य एवं शासन, कार्य- नीतिशास्त्र के विचार देना 02 लोकतंत्र - संविदा किंतु 03 जागृता - संविदा</p>	
18	<p>विभाग, 03 केंद्र - संविदा एवं सामाजिक व्यवस्था किंतु, इकाई 03 - 01 वैधता का उपयोगितावाद, 02 जे. एन. मिश्र -</p>	
18	<p>राज्य, स्वतंत्रता, अधिकार एवं प्रतिनीधि शासन संरचना विचार</p>	
18	<p>इकाई 04 01 हीनता - राज्य व्यवस्था विचार, केंद्रवाद 02 श्री 1 राज्य में शासन व्यवस्था विचार, स्वतंत्रता, राजस्व की देना</p>	
18	<p>इकाई 05 - 01 राज्य - इ-हासिक कौतिकवाद, वर्गीकरण - आतिथ्य मूल्य का विभाग, कतिपय की कार्योपना वाच्य - राज्य की देना</p>	



  
 प्रा. य. अ. ...  
 महाविद्यालय, बemetara, बि. बemetara ...

Name of Teacher ...  
 Signature ...



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... इतिहास

Session ..... 2015-16

Class :- बी. ए. I

Subject :- इतिहास II (विश्व का इति. 1453 - 1789)

Lecture No.	Topic to be Covered	Remark
20	<p>Unit I</p> <p>सामन्वयिक का पतन</p> <p>भाषुनिक युग का अविभाज्य पुनर्जागरण</p> <p>धर्म सुधार आंदोलन</p> <p>धर्म सुधार विरोधी आंदोलन</p>	3 periods in a week
20	<p>Unit II</p> <p>विश्व नवीय युग</p> <p>निरंकुश राज्यबंधों का उदय</p> <p>जैविक का विज्ञान</p>	3 periods in a week
20	<p>Unit III</p> <p>भाषुनिक यात्रात्मक जगत में आर्थिक उदय</p> <p>व्यापारिक क्रान्ति</p> <p>वाणिज्यवाद</p> <p>उपनिवेशवाद का प्रारंभ</p> <p>राज्य एवं भौतिकीय संघ</p>	3 periods in a week
10	<p>Unit IV</p> <p>इंग्लैंड में गृहयुद्ध एवं वैश्वयुद्ध क्रान्ति</p> <p>Unit V</p> <p>भुरि यतुद्ध : अदेश व एल नीति</p> <p>अमेरिका का स्वतंत्रता संग्राम</p> <p>क्रान्ति की संज्ञा तथा सांस्कृतिक राज्य</p> <p>क्रान्ति की संज्ञा का प्रभाव</p>	3 periods in a week

प्राचार्य  
 श्री. जवाहर लाल नेहरू कला/ वि.  
 जवाहर लाल नेहरू कला/ वि. बेंमेटारा (बी.ए.)



Name of Teacher - Khendatya  
 Signature

Teaching Plan

Name of Department CHEMISTRY

Session 2016-17

Class :- B.Sc. II

Subject :- Chemistry Organic

Lecture No.	Topic to be Covered	Remark
09 Nine	<p><u>UNIT - I</u> Nature of Co-valent bond.</p> <p>Bonding in Organic Compound. Inductive effect, electromeric, mesomeric effect, resonance, conjugation, hyper conjugation, electrophile, nucleophile, free radicals. hybridisation in Carbon atom <math>sp^3, sp^2, sp</math>. Hydrogen bonding, Steric effect.</p> <p>Tautomerism, breaking of Co-valent bond reaction intermediates.</p>	
07 Seven	<p>Aliphatic hydrocarbon - methods of Preparation, properties, octane number, Pyrolysis, free radical substitution, Conformation of <math>C_2H_6, C_3H_8</math>.</p> <p>Methods of Preparation and Properties of alkene, addition reaction, Markovnikoff rule, peroxide anti-Markovnikoff rule, Ozonolysis, oxidation of alkene. 1,3, butadiene, 1,4, addition structure of butadiene, Diels Alder reaction.</p>	
08 Eight	<p>Structure and methods of Preparation and properties of alkynes. acidic character of alkynes and vinylacetylene.</p> <p>Aromatic hydrocarbon - Nomenclature, preparation and properties of <math>C_6H_6</math>, structure of <math>C_6H_6</math>, electrophilic substitution reaction, halogenation, nitration, sulfonation, free radical reaction, Friedel Crafts reaction.</p>	

शा. प्रो. लाल नारायण  
 प्राचार्य  
 शा. प्रो. लाल नारायण  
 प्राचार्य  
 शा. प्रो. लाल नारायण  
 प्राचार्य



Dr. Sant Venugopal  
 Name of Teacher  
 Signature



Teaching Plan

Name of Department CHEMISTRY

Session 2016-17

Class :- B.Sc. I

Subject :- chemistry organic

Lecture No.	Topic to be Covered	Remark
05 Five	optical isomerism - chirality in carbon atom compounds having one or two asymmetric carbon atom [Lactic acid Tartaric acid] eno- enantiomers, diastereomers. Nomenclature D.L, R,S, system Racemic modification Geometrical isomerism Syn and anti cis and trans isomerism - Fumaric, maleic acid. E, Z methods of nomenclature Alkyl halide - methods of Preparation and properties of alkyl halide. SN <sup>1</sup> , SN <sup>2</sup> and E <sup>1</sup> E <sup>2</sup> reaction.	
07 Seven	Aromatic halides - Aryl halide, SE reaction Preparation and properties. Aryl alkyl halide, C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> Cl, C <sub>6</sub> H <sub>5</sub> CHCl <sub>2</sub> C <sub>6</sub> H <sub>5</sub> CCl <sub>3</sub> . D.D.T. BHC.	



[Signature]  
Name of Teacher  
Dr. Smt. Veena Jyoti  
Signature



**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara**  
**Teaching Plan**


Name Of Department- Economics  
Session 2017-18

Class:-B.A. – Part I

Subject:-Micro Economics Paper I

Lecture No.	Topic to be Covered	Remark
1, 2, 3, 4 5, 6, 7, 8 9, 10, 11, 12 13, 14, 15, 16	<b>UNIT-1</b> Introduction - Definitions Nature and scope of Economics, Methodology in Economics. Utility - Cardinal and Ordinal approaches, Indifference curve, Consumer's equilibrium (Hicks and Slutsky), Giffin goods, Compensated demand, Demand - Law of Demand, Elasticity of demand - Price, income and cross, elasticity Consumer's surplus, Engel curve.	
17, 18, 19, 20 21, 22, 23, 24 25, 26, 27, 28 29, 30, 31	<b>UNIT-2</b> Theory of production and cost - Production decision, Production function, Iso-quant, Factor substitution, Law of variable proportions, Returns to scale, Economies of scale, Different concepts of cost and their interrelation, Equilibrium of the firm, expansion path.	
32, 33, 34, 35 36, 37, 38, 39 40, 41, 42, 43 44, 45, 46	<b>UNIT-3</b> Market structure-perfect and imperfect markets, Equilibrium of a firm- Perfect competition, Monopoly and price discrimination, Measure of monopoly power, Monopolistic competition, Duopoly, Oligopoly, Taxation and equilibrium of a firm, Notion of controlled and administered prices.	
47, 48, 49, 50 51, 52, 53, 54 55, 56, 57, 58 59, 60, 61, 62	<b>UNIT-4</b> Factor pricing-Marginal productivity theory of distribution, Theories of wage determination, wages and collective bargaining, wage differentials, Rent - Scarcity Rent, differential rent, Quasi rent, Modern Rent Theory, Interest Classical and Keynesian Theories, Modern Theory, Profits - Innovation, Risk bearing and Uncertainty theories.	
63, 64, 65 66, 67, 68 69, 70	<b>UNIT-5</b> Welfare economics - Problems in measuring welfare, Classical welfare economics, Pareto's criteria, value judgement, Concept of a social welfare function, Compensation principle - Kaldor, Hicks.	

Name of Teacher- Dr. NURJI-DHAR PATEL

Signature- 



शास. पं. जवाहर लाल नेहरू कला/ विज्ञान  
स्नातकोत्तर महाविद्यालय, बेमेतरा, जि. बेमेतरा (छ.ग.)

**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara  
Teaching Plan**

Name of Department ..GEOGRAPHY


Session ..2017-18


Name of Class :- M. A. III Sem.

Name of Subject :- Biogeography & Ecosystem

No. of Lecture	Topic to be Covered	Remark
20	<u>Unit 1</u> : definition & scope of biogeography environment habitat and plant animal association. Biome types.	
20	<u>Unit 2</u> : Element of plant geography, distribution of forest and water community plant successions in newly formed land forms Zoogeography and its Environmental Relationship. paleobotanical and paleo climatological records of environmental change.	
25	<u>Unit 3</u> : Ecosystems concepts & components, Ecosystem forms and function trophic level, Ecological pyramids. Ecological niche, Energy and nutrients in the Ecosystem hydrological cycle, food chains and food webs major terrestrial Ecosystems of the world agriculture, forests, grassland & desert. population growth and environment.	
20	<u>Unit 4</u> : Biodiversity and its conservation. preservation and conservation of the ecosystems through resource management Environmental Legislation. The stock-holm Conference. The Earth Summit Environmental laws in India.	



  
**प्राचार्य**  
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 महाविद्यालय, बेमेतरा, जिला, बेमेतरा (छ.पं.)

  
 Name of professor & signature  
**Dr. J. P. DWIVEDI**



Teaching Plan

Name of Department Botany & Biotechnology


Session 2017-2018

Class :- BSc. I

Subject :- Paper - I (Biochemistry, maths & computer)

Lecture No.	Topic to be Covered	Remark
20	Biochemistry Introduction scope development, definition, aims & nature Carbohydrates structure, classification & function of mono, oligo & Polysaccharides Hormones Introduction, definition, structure classification, function and application of Plant hormone- Auxin & Gibberellins, Animal hormone Pancrease & thyroid Protein- Introduction, structure, classification Physical & chemical Properties Measurements of central tendencies & deviations	3 Period in a week
15	Amino acid: classification, essential & non-essential, General Properties Simple differentiation & Integration Lipids structure, classification, chemical Properties Enzyme Introduction, definition co-enzyme & cofactor, Nomenclature, classification, mechanism of enzyme action factor affecting the enzyme action.	3 period in a week
20	The Binomial theorem, logarithm Carbohydrate metabolism - glycogenesis, glyconeogenesis, glycogenolysis, glycolysis, Kerb cycle Computer - general Introduction, Organization of computer, digital & analogue Computer Computer algorithm Computer in online learning & automation	3 Period in a week



 प्राचार्य  
शास. प. जयशंकर लाल नेहरू कला/ विज्ञान  
सनातनोत्तर महाविद्यालय, बेंमेटरा, जि. बेंमेटरा।

Name of Teacher - Khushboo Sahu

Signature 



Teaching Plan

Name of Department ..... Botany & Biotechnology


Session ..... 2017-18

Class :- BSc. I

Subject :- Paper-I (Biochemistry, maths & computer)

Lecture No.	Topic to be Covered	Remark
15	Set theory & its properties linear equation Enzyme technology - introduction, Comparison between enzyme & catalysis Production of enzyme, chemical energetics, enzyme kinetics, enzyme immobilization use of enzyme & solution application of immobilized enzyme, enzyme reactor, biosensors enzyme engineering	3 period in a week
30	Application of computer in co-ordination of solute concentration, PH & temperature etc. of a fermenter in operation fat metabolism - Introduction, metabolism of glycerol fatty acid oxidation, conversion of fats into carbohydrates Biological oxidation - Oxidation & Reduction constituents of electron transport chain, mechanism of oxidation in electron transport chain Protein metabolism - Introduction, conversion of amino acid, decarboxylation, deamination of amino acid formation of urea Probability calculation, method of sampling	3 period in a week



  
प्रशान्त

शास. पं. जवाहर लाल नेहरू कला/ विज्ञान  
सनातकोट महाविद्यालय, बनेतरा, जि. बनेतरा (छ.प.)

Name of Teacher - Prashant Sahu

Signature 

Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... Botany

Session ..... 2018-19

Class :- B.Sc- II

Subject :- Botany [Paper-I ⇒ Diversity of seed plants & their systematics]

Lecture No.	Topic to be Covered	Remark
16	Unit - I ⇒ Characteristics of seed plants: evolution of the seed habit, seed habits with & without fruits, fossil & living seed plants. (2) General features of gymnosperms & their classification, evolution & diversity of gymnosperm, geological time scale, fossilization & fossil gymnosperms.	3 periods in a week
20	Unit - II ⇒ Morphology of vegetative & reproductive parts:- anatomy of roots, stem & leaf, reproduction & life cycle of Pinus, Cycas & Equisetum	3 periods in a week
18	Unit III ⇒ Angiosperms:- Origin & evolution, some eg of primitive angiosperms. Angiosperms taxonomy - brief history, aims & fundamental components, identification keys, taxonomic literature. Botanical nomenclature - principles & rules, taxonomic ranks, type concept, principle of priority.	3 periods in a week
18	Unit - IV ⇒ Classification of angiosperms - salient features of the systems proposed by Bentham-Hooker's & Engler-Prantl's. Major contribution of cytology, phytochemistry & taxonomic to taxonomy.	3 periods in a week
18	Unit V ⇒ Diversity of flowering plants - General account of the families - Ranunculaceae, Brassicaceae, Malvaceae, Rutaceae, Fabaceae, Apiaceae, Acanthaceae, Apocynaceae, Asclepiadaceae, Solanaceae, Lamiaceae, Chenopodiaceae, Euphorbiaceae, Seliaceae, Poaceae	3 periods in a week

शा. सं. चं. जवाहर लाल नेहरू कला / 14201  
राज्यपालिका महाविद्यालय, बेमेतरा, जि. बेमेतरा (D.P.)



Name of Teacher - Pragya Pandey  
Signature - Pragya



**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara**  
**Teaching Plan**

Name of Department Commerce

Session 2018-19

Name of Class :- M. Com 3<sup>rd</sup> semester

Name of Subject :- Advanced Cost Accounting

No. of Lecture	Topic to be Covered	Remark
10	<u>Unit 1</u> : - Introduction - Cost Analysis, Concepts and classification, Materials control, Techniques + materials control	3 days period in a week
12	<u>Unit 2</u> : - Labour Cost - computation and control overhead - Accounting and control	
25	<u>Unit 3</u> : - Job, Batch contract Casting and operating Casting	
20	<u>Unit 4</u> : - Process Casting, Joint-products & By-products Casting, Uniform Casting and estimate Casting	
23	<u>Unit 5</u> : - Budgetary control - Importance of budgets in accounting, Nature of Budgetary control, Organization for budgetary control, Preparation zero base budgeting, performance budgeting, Cash budget, Production and Sales Budget.	



Pracharya  
प्राचार्य

शास. पं. जवाहर लाल नेहरू कला/ विज्ञान  
स्नातकोत्तर महाविद्यालय, बेमेतरा, जि. बेमेतरा (छ.ग.)

Pracharya  
Name of professor & signature



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... English .....


Session ..... 2019-2020 .....

Class :- M.A. English First Semester

Subject :- Poetry

Lecture No.	Topic to be Covered	Remark
07	unit 1. Geoffrey Chaucer - Prologue to the Canterbury Tales	03 periods in a week
08	Edmund Spenser - Epithalamion	03 periods in a week
06	unit II John Donne : Death be not Proud, Extasie, Valediction: Forbidden Mourning	03 periods in a week
09	Andrew Marvell - : To his Coy Mistress, Horatian Ode upon Cromwell's Return from Ireland in Exhortation.	03 periods in a week
15	unit III John Milton : Paradise Lost - Book-1.	03 periods in a week
08	unit IV John Dryden : Mac Flecknoe	03 periods in a week
10	Alexander Pope : The Rape of the Lock	03 periods in a week




 प्राचार्य  
 Department of English  
 Govt. Pt. J.L.N. Arts & Science College, Bemetara (P.G.)

Name of Teacher - Rajkumar  
 Signature 

Teaching Plan

Name of Department ..... Mathematics .....

Session ..... 2019-20 .....

Class :- B.Sc III

Subject :- Maths

Lecture No.	Topic to be Covered	Remark
1	Reper-III, Unit-I - Cardinality.	
<del>1</del> 1	Mathematical induction.	
1,2	Principle of Inclusion & Exclusion	
3	Ordered sets, languages	
4	Phrase structure Grammars.	
5,6	Types of Grammars and languages.	Weekly 6 periods
7	Permutations combinations.	
8,9	Discrete Probability.	Additional
10	Unit II - Binary Relations.	3 Tutorial periods
11	Equivalence relation & partitions.	
12	Partial Order Relations. and lattices	
13	Chains & Antichains.	
13	Pigeon Hole Principle.	
14,	Graph- Basic terminology.	
15	Multigraphs. Weighted Graphs.	
16	Paths & Circuits, shortest Path.	
16,17	Eulerian Paths and Circuits.	
18	Travelling Salesman Problem.	
19,20	Planar Graphs Trees.	
21	Unit III - finite state machines.	
22	Equivalent machines.	
23,24	finite state machines as language R recognizers.	
25	Analysis of algorithms - Time Complexity	



Teaching Plan

Name of Department ..... Mathematics .....

Session ..... 2019-20 .....

Class :- B.Sc. III

Subject :- Maths.

Lecture No.	Topic to be Covered	Remark
26	Complexity of Probleme.	
27,28	Discrete numeric functions.	
29,30	Generating functions.	
31	Paper I, Unit I series of arbitrary terms,	
32	Convergence, divergence & Oscillation.	
33,34	Abel's and Dirichlet's test	
35	Multiplication of series. Double series.	
36,37	Partial derivatin and differentiability of real valued functions of two variables.	
38	Schwarz and Young's theorem	
38,39	Implicit function theorem.	
40,41	fourier Series.	
42,43	Fourier expansion of piecewise monotonic function.	
44	Paper I, UNIT II - Riemann Integral	
45	Integrability of continuous and monotonic functions.	
46,47	The fundamental theorem of integral calculus.	
47	Mean value theorems of integral calculs.	
48,49	Improper integrals and their convergence.	
50	Comparison tests.	
50	Abel's & Dirichlet's tests.	
51	frullani's integral.	
52	Integral as a function of a parameter.	
53,54	Continuity, derivability and integrability of an integral of a function of a parameter.	

प्रचार्य  
शास. पं. जयसिंह चौध नेहरु कलेज  
बनारसकोलेर महाविद्यालय, बेमेटारा, बि.



(2)

Name of Teacher - Shakti Sharma


Signature

## Teaching Plan

Name of Department MathematicsSession 2019-20Class :- B.Sc. IIISubject :- Maths.

Lecture No.	Topic to be Covered	Remark
55	Paper I, Unit III - Complex numbers as ordered pairs.	
56	Geometric representation of complex numbers.	
56	stereographic projection	
57	Continuity & differentiability of complex function.	
58	Analytic functions. Cauchy-Riemann equations.	
58	Harmonic functions.	
59	Elementary functions, mapping by elementary functions.	
60	Mobius Transformations.	
61	fixed points, Cross ratio	
62	Inverse points and critical mappings.	
63	Conformal mappings.	
64,	Paper II, Unit 3 - definition & examples of vector space.	
65	Sum & direct sum of subspaces.	
66,67	Linear span. Linear dependence, Linear Independence	
67	Properties of LD & LI.	
68	Basis, Finite dimensional vector spaces.	
69	Existence theorem for bases. $\&$	
70	Invariance of the number of elements of a basis.	
71	Dimension. Existence of complementary subspace of a subspace of a finite dimensional vector space.	
72	Dimensions of sums of subspaces.	
73	Quotient <del>space</del> and its dimension.	

  
 प्राचार्य  
 शास. पं. जवाहर लाल नेहरू केंद्र  
 आसफोदर महाविद्यालय, बेमेटारा, बि. ज. ज.

Name of Teacher - Shail ShrivastavaSignature 



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... Mathematics .....

Session ..... 2019-20 .....

Class:- B.Sc III

Subject:- Maths.

Lecture No.	Topic to be Covered	Remark
74,	Paper II, Unit IV - Linear Transformation and their representation as matrices.	
75	The Algebra of linear transformations.	
76	The rank nullity theorem, change of basis.	
77	Dual space, Bidual space and natural isomorphism.	
78	Adjoint of a linear transformation.	
79	Eigenvalues and eigen vectors of a linear transformation	
80	Diagonalisation, Annihilator of a subspace	
81,82	Bilinear, Quadratic and Hermitian forms.	
83	Paper II, Unit V - Inner Product space	
83	Cauchy schwarz inequality.	
84	Orthogonal vectors, Orthogonal Complements.	
84	Orthonormal sets and bases.	
85	Bessel's inequality for finite dimensional spaces.	
86,87	Gram-Schmidt Orthogonalization process.	
88	Paper II, Unit I - Automorphism, inner automorphism.	
89	Automorphism groups & their computations.	
90	Conjugacy relation, Normaliser.	
91,92	Counting principle and the class eqn of a finite group.	
93	Center for Group of prime order.	
94,	Abelianizing of a group and its universal property.	
95	Sylow's theorems, Sylow subgroups.	
96	Structure theorem for finite Abelian groups.	

प्रचारक



Name of Teacher - Shail Sharan

Signature

Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... Mathematics

Session ..... 2019-20

Class :- B.Sc. III

Subject :- Maths.

Lecture No.	Topic to be Covered	Remark
97	Paper II, Unit II - Ring homomorphism	
98	Ideals and Quotient Rings.	
99	Field of Quotients of an Integral Domain.	
100	Euclidean Rings, Polynomial Rings.	
101	Polynomials over the Rational field.	
102	The Eisenstein Criterion.	
103	Polynomial Rings over commutative Rings.	
104	Unique factorization domain.	
105	$R$ -unique factorisation domain implies so is $R[x_1, x_2, \dots, x_n]$ modules, Submodules. Quotient modules	
106	Homomorphism and Isomorphism theorems.	
107	Paper I, Unit IV - Definition and examples of metric spaces.	
107	Mbd, limit points, Interior points, Open & closed sets.	
107	Closure and interior, Boundary points.	
108	Subspace of a metric space.	
109	Cauchy sequences, Completeness.	
110	Cantor's intersection theorem	
111	Contraction principle	
112	Construction of real numbers as the completion of the incomplete metric space of rationals.	
113	Real numbers as a complete ordered field.	
114	Paper I, Unit V - Dense subsets.	
115	Baire Category theorem	
116	Separable, second countable and 1st countable spaces	

प्रचार्य

शास. पं. जवाहर लाल नेहरू कला/ विज्ञान  
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Name of Teacher - Shail Shastri

Signature



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... Mathematics .....

Session ..... 2019-20 .....

Class:- B.Sc. III

Subject:- Maths

Lecture No.	Topic to be Covered	Remark
117	Continuous functions. Extension theorem.	
118, 119	Uniform continuity. Isometry and homomorphism.	
120	Equivalent metrics.	
121	Compactness, sequential compactness.	
122, 123	Totally bounded spaces; finite intersection property	
124	Continuous functions and compact sets.	
125, 126	Connectedness, Components.	
127, 128	Continuous functions and connected sets.	
129, 130	Paper III, Unit IV - Linear Recurrence Relations	
131, 132, 133	Homogeneous solutions, P.I, and total solution.	
134, 135, 136	Solution by the method of generating functions.	
137, - 138	Brief review of groups & rings.	
143, 144	Paper-III, Unit V - Lattices and Algebraic structures.	
145, 146, 147	Duality, Distributive and complemented Lattices	
148, 149	Boolean Lattices and Boolean Algebras.	
150, 151, 152	Boolean functions and expressions.	
153, 154	Propositional Calculus.	
155, 156	Digital Networks	
157, 158	Switching Circuits.	

  
प्राचार्य

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Name of Teacher - Shail Shastri

Signature 

Govt. Pt. J.L.N. Arts & Science P.G. College , Bemetara  
Teaching Plan

Name of Department Zoology

Session 2019 -20

Class :- B.S.C. 3

Subject :- Zoology (1 Paper)

Lecture No.	Topic to be covered	Remark
	Ecology, Environment – Biology, Toxicology , Microbiology and Medical Zoology	
	1. Ecology Aims and scape of ecology Major ecosystem of the world – Brief introduction Population – characteristics and regulations of densities Communities and ecosystem Biogeochemical cycle Air and Water Pollution	20 days
	2. Environmental Biology Laws of limiting factors Food chain in freshwater ecosystem Energy flow in ecosystem Conservation and Natural resources	12 days

सं. ५. ०  
स्नातकोत्तर महाविद्यालय, बमतारा, जल, बमतारा (उ.प्र.)



*Signature*



Govt. Pt. J.L.N. Arts & Science P.G. College , Bemetara

Teaching Plan

Name of Department Zoology

Session 2019-20


Class :- B.S.C. 3

Subject :- Zoology (1 Paper)

Lecture No.	Topic to be covered	Remark
	Environmental impact assessment	
	3. Toxicology Definition of Toxicity Classification of toxicants Principal of systematic toxicology Toxic agents and their action – Metallic and Inorganic agents Animal poisons – snake venom Scorpion and bee poisoning Food poisoning	14 days
	4. Microbiology General and Applied Microbiology Microbiology of domestic water and sewage Microbiology of milk and milk products	15 days

  
प्राचार्य  
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संशोधन केंद्र महाविद्यालय, बेमेतरा, जि. बेमेतरा (छ.प्र.)





Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department Chemistry

Session 2019-20

Class :- Msc III

Subject :- Resonance Spectroscopy, Photochemistry & Organocatalysis

Lecture No.	Topic to be Covered	Remark
01	ESR introduction, principle, hyperfine coupling	
02	Spin polarization for atoms & transition	
03	metal ions, spin polarization, orbit coupling and significance of g-tensors, application to transition metal complexes (having one unpaired electron)	
04	Nuclear Quadrupole, Resonance spectroscopy	
05	Quadrupole nuclei, Quadrupole moments	
06	electric field gradient, coupling constant, splittings applications.	
07	Photoelectron Spectroscopy. Basic principle for atoms & molecules	
08	photoelectric effect, ionization processes.	
09	Koopman's theorem. Auger electron Spectroscopy	
10	Determination of dipole moment. photoelectron spectra of single molecules ESCA.	
11	Photoacoustic Spectroscopy: Basic principle	
12	of photoacoustic Spectroscopy. PAS gases	
13	& condensed systems, chemical & surface applications.	



Dr. Sandhya Bykel  
Bykel

Name of Teacher -  
Signature

प्राचार्य

पास. पं. जवाहर लाल नेहरू विश्वविद्यालय, जमशेदपुर  
संस्कृत-संस्कृत विद्यालय, बेमतरा, जि. बोकारम (ज.प्र.)



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... chemistry .....

Session ..... 2019-20 .....

Class :- Msc III

Subject :- Resonance Spectroscopy, Photochemistry & Organocatalysis

Lecture No.	Topic to be Covered	Remark
14	Photochemical Equations. Interaction of electro-magnetic radiation with matter. Stern-Volmer	
15	Equation. Types of excitations. Fate of	
16	excited molecules, quantum yield, transfer of excitation energy. Actinometry.	
17	Determination of reaction mechanism	
18	Classification, rate constants and life times of reactive energy states.	
19	Determination of rate constants of	
20	reactions. Effect of light intensity on the	
21	rate of photochemical reactions.	
22	Miscellaneous photochemical reactions. Photofries reaction of anilides. photofries	
23	rearrangement Barton reaction.	
24	Singlet molecular oxygen reactions.	
25	Photochemical formation of smog.	
26	Photodegradation of polymers. photochemistry of vision.	
27	Evolution & Procession of Analytical data Precision & Accuracy. Types of errors Propagation of errors. Normal distribution	

8



Dr. Sandhya Baghel  
Baghel

Name of Teacher -  
Signature

Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department Chemistry

Session 2019-20

Class :- Msc III

Subject :- Analytical chemistry, Resonance Spectroscopy, Photochemistry

Lecture No.	Topic to be Covered	Remark
28	Curves, standard deviation, confidence limit.	
29	Graphical presentation of result, Methods of average, Methods of linear least square	
30	significant figures. Statistical aid to hypothesis	
31	testing t-test, F-Test Correlation coefficient.	
32	Rejection of data	
	Solid state chemistry-I	
33	Crystal defects & non stoichiometry.	
34	Perfect and imperfect crystals. Intrinsic and extrinsic defects. Point defect, line	
35	defects. vacancies - Schottky defects & Frenkel defects.	
36	Thermodynamics of Schottky & Frenkel defect.	
37	Formation of color centres. non stoichiometry & defects.	
38	Electronic properties & band theory of semiconductors.	
39	Acid, bases, electrophiles, Nucleophiles &	
40	Catalysis. Acid base dissociation, Electronic & structural effects acidity & basicity	
41		



Dr. Sandhya Bafel  
Bafel

Name of Teacher -  
Signature



Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara

Teaching Plan

Name of Department ..... Chemistry

Session ..... 2019-20

Class :- Msc III

Subject :- Catalysis, Solid State & Surface Chemistry

Lecture No.	Topic to be Covered	Remark
42	Acidity function & their applications.	
43	Hard and soft acids & bases. Nucleophilicity Scales, Nucleofugacity. The alpha effect.	
44		
45	Ambivalent Nucleophiles. Acid base catalysis	
46	Specific and general catalysis. Boosted	
47	catalysis. Enzyme catalysis.	



Dr. Sandhya Bajel

Name of Teacher -  
Signature





WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	WORK DONE
1. <u>Reaction mechanism</u>			
Types of organic reaction and energy profile diagram	05	Reaction mechanism substitution, addition rearrangement elimination	
mechanism of various reaction & reaction intermediates	06	SN <sup>1</sup> & SN <sup>2</sup>	
Free radical, Carbocation Carb anion Carbene nitrene and benzene	12	E <sup>1</sup> & E <sup>2</sup> reaction	
	18	reaction intermediate structure and stability energy profile	
	19	Free radical Carbocation Carb anion	
	20	Nitrene, carbene & Benzene	
	26	Friedal Craft reaction	
	27	Exercise	

कुल कार्य दिनांक \_\_\_\_\_  
समाप्त कार्य दिनांक \_\_\_\_\_

Completed  
[Signature]

October-15

DURING THE DAY	WORK DONE DURING THE DAY	WORK DONE DURING THE DAY
Reaction mechanism	03	Types of organic reaction - substitution, addition, elimination, rearrangement
Types of organic reaction and energy profile diagram	09	Reaction of free radicals, structure stability of Carbocation, Carb anion, Free radical
reaction intermediate	10	Carbene, Nitrene, Benzene
	16	SN <sup>1</sup> , SN <sup>2</sup> reaction
	17	E <sup>1</sup> E <sup>2</sup> reaction
	20	Friedal Craft Reaction
	31	Exercise



Completed  
[Signature]

कुल कार्य दिनांक \_\_\_\_\_  
समाप्त कार्य दिनांक \_\_\_\_\_





शा.पं. जवाहर लाल नेहरू  
शैक्षणिक

माह नवंबर  
वर्ष 2017

माह का प्रस्तावित कार्य	दिनांक
जातिवाद	01-11-17
निरंतर	02-11-17
हैजावाद	03-11-17
	05-11-17
	06-11-17
साम्यवादिता	07-11-17
	08-11-17
संघर्ष	09-11-17
	10-11-17
सुशासन	11-11-17
	12-11-17
अपराध की अवस्था	13-11-17
संघर्ष	14-11-17
राष्ट्रीय चक्रवर्ती	15-11-17
	16-11-17
प्रत्यक्षवादी व्यवस्था	17-11-17
	18-11-17
मनीषा तर्क व्यवस्था	19-11-17
	20-11-17
	21-11-17
	22-11-17
	23-11-17
	24-11-17
	25-11-17
	26-11-17
	27-11-17
	28-11-17
	29-11-17
	30-11-17
	31-11-17

छुटियां तथा कक्षा न लगने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

हस्ताक्षर शिक्षक  
दिनांक .....

कला एवं विज्ञान महा., बेतवरा  
लेखा - जोखा

दिनांक सुभाषराष्ट्र  
वर्ष सोवियत-संगीत

दिनांक का कार्य	दिनांक
जातिवाद	01-11-17
निरंतर	02-11-17
हैजावाद	03-11-17
निरंतर	04-11-17
साम्यवादिता	05-11-17
निरंतर	06-11-17
संघर्ष	07-11-17
सुशासन	08-11-17
संघर्ष	09-11-17
प्रत्यक्षवादी व्यवस्था	10-11-17
निरंतर	11-11-17
अपराध की अवस्था	12-11-17
निरंतर	13-11-17
राष्ट्रीय चक्रवर्ती	14-11-17
निरंतर	15-11-17
प्रत्यक्षवादी व्यवस्था	16-11-17
निरंतर	17-11-17
मनीषा तर्क व्यवस्था	18-11-17
निरंतर	19-11-17
	20-11-17
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	23-11-17
	24-11-17
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	27-11-17
	28-11-17
	29-11-17
	30-11-17
	31-11-17



*[Signature]*  
हस्ताक्षर विभाग प्रमुख  
दिनांक .....

हस्ताक्षर प्राचार्य  
दिनांक .....

Month September 2016

Subject

WORK PROPOSED FOR THE MONTH	DATE	WORK DONE DURING THE DAY	WORK DONE
	1-9	Fourier series for even odd function	
	2-9	Unit Test	
Unit-2	3-9	Riemann Integral, Integrability of	
Riemann Integrals	6-9	The fundamental theorem of	
	7-9	Mean value theorem of integral	
Unit-3	8-9	Improper integrals & Dirichlet	
Complex Analysis	10-9	Comparison Test, Abel's Test,	
	14-9	Practical on above	
Unit-4	15-9	Gamma Integrals, Continuity	
(Math 2000)	16-9	Integral as a function of	
	17-9	Complex no. & Properties	
	18-9	Complex function, Continuity	
	19-9	Analytic function, Cauchy	
	21-9	Elementary function, Mapping by	
	22-9	Mobius Transformation, Fixed	
	23-9	Conformal mappings	
	24-9	Unit Test	
	28-9	Metric Spaces, Nbd, Limit point	
	29-9	Subspace of metric space, Cauchy	

शुक्र वार दिन 25 अक्षांश दिग्दर्शक

सप्ताहिक वार दिन 26  
 Sunday - 4, 11, 18, 25  
 Holiday - 5, 13, 30  
 CL - 23, 24

Class B.Sc. II

DURING THE DAY	WORK DONE DURING THE DAY	WORK DONE DURING THE DAY
	continuous and monotonic functions	
	Integral calculus	
	calculus	
	convergence	
	Dirichlet's Test	
	differentiability and integrability of an integral of a function	
	properties	
	differentiability of complex functions	
	harmonic function	
	conformal mapping	
	points, cross ratio, inverse points	
	interior point, open & closed sets, interior, boundary, limit	
	sequences, completeness	



29/09/16  
 H. O. D.  
 (Shail Sharma)

29/09/16  
 H. O. D.  
 Department of Mathematics  
 Govt. P. J. Somaiya Institute of Technology and Science

प्रचारक  
 शास. पं. ज. ला. ने. कला एवं विज्ञान  
 महाविद्यालय वेमेटरा (प. ज. ला. ने. कला एवं विज्ञान)



Month: September  
Year: 2017

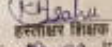
शा.पं. जवाहर लाल नेहरू  
शैक्षणिक

माह का प्रस्तावित कार्य

BSc-I year Paper-I - **Hormones - Introduction**  
Definition, structure, function, plant hormone, animal  
protein - Introduction, structure, classification,  
physical & chemical properties  
Paper-II  
Nucleus - Significance, structure, nucleolus  
plastids - Chloroplasts, Ultra structure & function  
Cell division - Amitosis, mitosis & meiosis  
BSc - II year Paper-I  
Protein Synthesis  
Mitochondrial genome  
Paper-II  
Apoptosis  
BSc - III year Paper-I  
Agrobacterium Ti and Ri Plasmid  
Edible vaccines - Bt gene  
Paper-II  
Immunology - General concept, history & development  
Bt gene

01-09-17  
04-09-17  
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27-09-17  
28-09-17

छुटियां तथा कक्षा न लगने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

02-09-17 - Rakshid	29-09-17 Dussehra	 हस्ताक्षर विभाग दिनांक 26-09-17 Swt. K. Sahu
03-09-17 - Sunday	30-09-17 holiday	
10-09-17 - Sunday		
11-09-17 - Self Leave		
17-09-17 - Sunday		
24-09-17 - Sunday		

कला एवं विज्ञान महा. बेमतरा  
लेखा - जोखा

विषय: BIOTECHNOLOGY  
कक्षा: BSc-I, II, III

दिनांक	किया गया कार्य	दिनांक
	BSc I Paper-I - work completed within time period	
	BSc I Paper-II work completed within time period	
	Unit test	
	BSc II Paper-I work completed within time period	
	BSc II Paper II work completed within time period	
	BSc III Paper I work completed within time period	
	Paper-II work completed within time period	

26/10/17  
हस्ताक्षर विभाग प्रमुख  
दिनांक



26/10/17  
हस्ताक्षर प्राचार्य  
दिनांक

माह October  
वर्ष 2017-18

शा.पं. जवाहर लाल नेहरू  
शैक्षणिक

कला एवं विज्ञान महा., बैंगलूर  
लेखा - जोखा

विषय Management-4/C  
कक्षा B.Com III

दिनांक	किया गया कार्य
12-10-2017	Standard Costing and Variance Analysis will be done
13-10-2017	Budgeting - Meaning, Objectives, Merits and Limitation will be done
14-10-2017	
16-10-2017	
17-10-2017	
23-10-2017	
24-10-2017	
25-10-2017	
26-10-2017	
27-10-2017	
30-10-2017	
31-10-2017	

दिनांक	किया गया कार्य
	Meaning and advantages of standard costing was taught
	Formula of standard costing was taught
	Numerical based problem (Q. No 1, 2, 3, 4 of standard costing material) was taught
	Numerical based Q. No 5, 6, 7, 8 of standard costing material was taught
	Numerical based Q. No 11, 12, 15 of standard costing (material questions) was taught
	Numerical based Q. No 16, 19, 22, 25 of standard costing was taught
	Numerical based Q. No 20, 27, 28 of standard costing (labour) was taught
	Numerical based Q. No 29, 30, 31, 33 of standard costing (labour) was taught
	Numerical based Q. No 34, 35, 38, 39 of standard costing (labour) was taught
	Numerical based Q. No 40, 41, 42 of standard costing (labour) was taught
	Budgeting was started and meaning, objectives, merits and limitation of budget was taught
	Numerical based Q. No 1, 2, 7 of Flexible budget was taught



पुस्तिका तथा कक्षा में लगने वाले दिन का जलसेक यहाँ किया जाना चाहिए।

01, 08, 15, 22, 29 Sunday  
13-10-2017 to 22-10-2017 Deepawali Vacation  
28-10-2017 National Seminar Attended

*[Signature]*  
हस्ताक्षर प्रमुख  
दिनांक 31-10-2017

*[Signature]*  
हस्ताक्षर विभाग प्रमुख  
दिनांक 31-10-2017

*[Signature]*  
हस्ताक्षर प्रचारक  
दिनांक 31-10-2017  
शा.पं. जवाहर लाल नेहरू महाविद्यालय, बैंगलूर





नाम J. R. Sahu  
 वर्ष 2017

शा.पं. जवाहर लाल नेहरू कला  
 शैक्षणिक

एवं विज्ञान स्नाकोत्तर महा. बेजतरा  
 लेखा - जोखा

विषय Physics  
 कक्षा B.Sc.

दिनांक	किया गया कार्य
02-01-17	
03-01-17	
04-01-17	
05-01-17	
06-01-17	
07-01-17	
08-01-17	
09-01-17	
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22-01-17	
23-01-17	
24-01-17	
25-01-17	
26-01-17	
27-01-17	
28-01-17	
29-01-17	
30-01-17	
31-01-17	

दिनांक	किया गया कार्य
	size and decay of current in LR and CR Circuits
	AC Circuit
	series and parallel resonance
	Lorentz force equation
	force on a current carrying conductor
	torque on a current loop
	Angular momentum and symmetric motion
	Planck and Sargent's law
	Bohr's law
	magnetic current magnetic permeability
	interaction of a bar magnet of solenoid current
	Electromagnetic induction
	Faraday's law
	Electromotive force
	$\epsilon = \int \mathbf{E} \cdot d\mathbf{l}$
	integral and differential form of Faraday's law
	Mutual and self inductance
	Transformer
	energy in a static magnetic field
	Maxwell displacement current
	Maxwell's equations
	electromagnetic field $\mathbf{E}$ and $\mathbf{H}$ fields
	The wave equation (described by $\mathbf{E}$ and $\mathbf{H}$ )
	Poynting's vector



इसमें तथा कक्षा न लगने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

हस्ताक्षर शिक्षक  
 दिनांक 31-01-17

हस्ताक्षर विभागाध्यक्ष  
 दिनांक 31-01-17  
(D.R. Sahu)

हस्ताक्षर प्राध्यापक  
 दिनांक 31-01-17  
 शा.पं. जवाहर लाल नेहरू कला/ विज्ञान-  
 स्नाकोत्तर शैक्षणिक कक्षा, वि. बेजतरा (स.प.)



माह September  
 वर्ष 2017-18

शा.पं. जवाहर लाल नेहरू  
 शैक्षणिक

दिनांक	किया गया कार्य
23/09/17	→ Memory Controller
25/09/17	→ Bubble Memory

सुविधा तथा कक्षा में लगने वाले दिन का कालौस यहाँ किया जाना चाहिए।

10/09/17 → Sunday  
 17/09/17 → Sunday  
 24/09/17 → Sunday

25/09/17 → c/L  
 27/09/17 - 31/09/17 → Dussehra  
 Holiday

हस्ताक्षर किया  
 दिनांक 25/09/17  
(N.R. Nirmal)

कला एवं विज्ञान महा. वेमंतरा  
 लेखा - जोखा

विषय B.Sc. IT  
 कक्षा C.S. I

दिनांक	किया गया कार्य
05/10/17	DMA Memory Controller
06/10/17	Destructive and Non-destructive
07/10/17	Bubble Memory
09/10/17	MRAM - types
10/10/17	MMU - unit introduction
11/10/17	Main Memory example
12/10/17	Catch Memory
18/10/17	Cache Memory and diagram
23/10/17	Semiconductor Memory
24/10/17	Content addressable memory
25/10/17	Magnetic Memory
26/10/17	Direct Memory
27/10/17	DRAM Memory module

हस्ताक्षर किया  
 दिनांक 27/10/17  
 Department of Mathematics  
 Govt. P. J. N. P. G. College, Baramulla



हस्ताक्षर प्रथम  
 दिनांक 30/10/17  
 शा.पं. जवाहर लाल नेहरू महा. वेमंतरा  
 लेखा - जोखा

माह...  
वर्ष...

शा.पं. जवाहर लाल नेहरू कला  
शैक्षणिक

माह का प्रस्तावित कार्य	दिनांक
(द्वितीय प्रश्न पत्र समाप्त III)	1-1-18
1) गेजेट का विमोचन	2-1-18
	3-1-18
	4-1-18
	5-1-18
	6-1-18
(प्रथम प्रश्न पत्र समाप्त III)	8-1-18
2) की जागकी रू. रू. में उत्तर भाषण की राजनीतिक स्थिति	9-1-18
	10-1-18
	11-1-18
	12-1-18
	13-1-18
	15-1-18
	16-1-18
(तृतीय प्रश्न पत्र समाप्त III)	17-1-18
3) राज्य पत्रपाला वगत में भाषण उद्भव व्यापिक कीति हों कही लखाने	18-1-18
	19-1-18
	20-1-18
	22-1-18
	23-1-18
(चतुर्थ प्रश्न पत्र समाप्त III)	24-1-18
4) राज्य का राज्य का उद्भव	25-1-18
	27-1-18
(प्रथम प्रश्न पत्र समाप्त III)	29-1-18
5) मिल-धर का भाषण	30-1-18
	31-1-18

पूछियं तथा कथा न लखने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

Sunday - 7, 14, 21, 28

Holiday - 26

हस्ताक्षर शिक्षक  
दिनांक 31-1-18  
(Khemlata Seku)

एवं विज्ञान स्नाकोत्तर महा. वैमतरा  
लेखा - जोखा

दिनांक...  
कथा...

दिनांक	कार्य
	विज्ञान विभाग का कार्य
	1) विज्ञान विभाग का कार्य
	2) विज्ञान विभाग का कार्य
	3) विज्ञान विभाग का कार्य
	4) विज्ञान विभाग का कार्य
	5) विज्ञान विभाग का कार्य
	6) विज्ञान विभाग का कार्य
	7) विज्ञान विभाग का कार्य
	8) विज्ञान विभाग का कार्य
	9) विज्ञान विभाग का कार्य
	10) विज्ञान विभाग का कार्य
	11) विज्ञान विभाग का कार्य
	12) विज्ञान विभाग का कार्य
	13) विज्ञान विभाग का कार्य
	14) विज्ञान विभाग का कार्य
	15) विज्ञान विभाग का कार्य
	16) विज्ञान विभाग का कार्य
	17) विज्ञान विभाग का कार्य
	18) विज्ञान विभाग का कार्य
	19) विज्ञान विभाग का कार्य
	20) विज्ञान विभाग का कार्य
	21) विज्ञान विभाग का कार्य
	22) विज्ञान विभाग का कार्य
	23) विज्ञान विभाग का कार्य
	24) विज्ञान विभाग का कार्य
	25) विज्ञान विभाग का कार्य
	26) विज्ञान विभाग का कार्य
	27) विज्ञान विभाग का कार्य
	28) विज्ञान विभाग का कार्य
	29) विज्ञान विभाग का कार्य
	30) विज्ञान विभाग का कार्य
	31) विज्ञान विभाग का कार्य



हस्ताक्षर विभाग प्रमुख  
दिनांक

हस्ताक्षर प्रमुख  
दिनांक



माह Aug  
वर्ष 2018

शा.पं. जवाहर लाल नेहरू कला  
शैक्षणिक

एवं विज्ञान स्नाकोत्तर महा. वेमतरा  
लेखा - जोखा

विषय Concept in Org Chem  
कक्षा M.Sc. I

पाठ का प्रस्तावित कार्य	दिनांक	किया गया कार्य	दिनांक
	10/08/2018	Reaction intermediates Generation, structure	
	21/08/2018	Stability of carbocations, carbocations reactivity Carbanions structure, Generation, reactivity	
Unit III	23/08/2018	Free radicals structure Generation, reactivity	
A) Reaction Intermediates	24/08/2018	Carbene structure, Generation reactivity	
B) Elimination Reactions	25/08/2018	Nitrenes structure, Generation reactivity	
	29/08/2018	Sandmeyer reaction, Free radical rearrangement, Hunsdiecker reaction	
	31/08/2018	Elimination reactions, E <sub>2</sub> , E <sub>1</sub> & E <sub>1cB</sub> mechanisms Oxidation of the double bond, Reactivity	
	30/08/2018	Effects of substrate structure, attacking base, the leaving group & the medium	

यदि तथा कक्षा न लगने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

Aug - Sunday 05, 12, 19, 26


11 Aug - C.L

18 Aug - C.L

15, 16, 17 > holiday

22 - C.L

  
हस्ताक्षर विभाग  
दिनांक 30/08/2018  
(Dr. S. Baghel)

हस्ताक्षर विभाग प्रमुख  
दिनांक 

  
हस्ताक्षर प्राचार्य  
दिनांक 29/08/2018  
शा.पं. जवाहर लाल नेहरू कला/ विज्ञान  
महाविद्यालय, वेमतरा, जि. अन्तर्गत (म.प्र.)

नाम Mack  
 वर्ष 2019

शा. पं. जवाहर लाल नेहरू कला

एवं विज्ञान स्नाकोत्तर महा. वेमोतर

दिनांक 10/02/19  
 कक्षा 11/2

शैक्षणिक

लेखा-जोखा

कार्य का प्रस्तावित कार्य	दिनांक	किया गया कार्य	दिनांक
Page 1 to Unit III :- Seed & fruit development	01/02/19	Structure & nucleus cytology	
	02/02/19	Structure & nucleus cytology	
	03/02/19	1) lineage during late embryo development	
	04/02/19	2) lineage during late embryo development	
	05/02/19	Embryology	
	06/02/19	Embryology	
	07/02/19	Technique of embryo culture	
	08/02/19	Technique of embryo culture	
	09/02/19	Embryonic seeds	
	10/02/19	Types of endospermic seeds	
	11/02/19	Types of non-endospermic seeds	
	12/02/19	Types of end-endospermic seeds	
	13/02/19	Dynamics of fruit dynamics	
	14/02/19	Dynamics of fruit dynamics	
	15/02/19	Structure & biology of fruit maturation	
	16/02/19	Structure & biology of fruit maturation	
	17/02/19	Plant used as source of wood for pulp	
	18/02/19	Plant used as source of wood for pulp	
	19/02/19	Plant used as pollution control	
	20/02/19	Plant used as pollution control	
	21/02/19	Plant used as bioenergy	
	22/02/19	Plant used as bioenergy	
	23/02/19	Translocation for meeting world food demands	
	24/02/19		
	25/02/19		
	26/02/19		
	27/02/19		
	28/02/19		
	29/02/19		
	30/02/19		

Unit III - Utilization of resources

छुट्टियां तथा कक्षा न लगने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

Sundays - 03, 10, 17, 24, 31  
 Holidays - 20, 21

हस्ताक्षर मिलक  
 दिनांक 20/02/19  
 (Pragya Khatu)

हस्ताक्षर विभाग प्रमुख  
 दिनांक .....

प्राचार्य  
 शा. पं. जवाहर लाल नेहरू कला / विज्ञान  
 स्नाकोत्तर महाविद्यालय (वेमोतर)  
 दिनांक .....





माह Sep  
वर्ष 2018

शा.पं. जवाहर लाल नेहरू कला  
शैक्षणिक

माह का प्रस्तावित कार्य	दिनांक
<u>Unit - II</u>	
Introduction to Input devices: categorizing input Hardware	01/09/2018
Keyboard, Direct Entry-card Reader, Scanning devices, OCR	04/09/2018
Character Reader, MICR, Smart Cards, voice input device	05/09/2018
Pointing devices - Mouse, light pen, Storage devices Primary and	06/09/2018
Secondary Storage, data Storage devices, Sequential, Direct	07/09/2018
& Indexed Sequential Tape Storage and Retrieval methods	08/09/2018
Characteristics and Limitations, Direct Access storage	10/09/2018
and microcomputer - Hard disks, Disk cartridges	11/09/2018
Mass storage system and optical disk, CD, ROM, CPU	12/09/2018
The microprocessor, control Unit, ALU, Register, Bus	14/09/2018
Main Memory (RAM), ROM, computer output, output	15/09/2018
fundamentals, Hardcopy output device, Impact printer,	17/09/2018
Non-impact printer, plotters, Softcopy output devices,	19/09/2018
Cathode ray tube, Flat screen Technology.	19/09/2018
<u>Unit - III</u> → <u>System Software Vs Application Software</u> ,	20/09/2018
Type of System Software, Introduction and Types	22/09/2018
of operating system programs, Booting Loader, Diagnostic	24/09/2018
Test, operating system Executive, Batch Utility programs,	25/09/2018
file maintenance, Language Processor, Assembler, Compiler	26/09/2018
& Interpreter, Application software, Microcomputer	27/09/2018
software, Trends in PC software, Type of Application	28/09/2018
software, Different between programs and packages	29/09/2018

पुस्तिका तथा कक्षा न लगाने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

Sunday - 02, 09, 16, 23, 30  
Holiday - 03, 10, 21

हस्ताक्षर विभाग  
दिनांक Satish Kumar-Baalu

पुस्तिका नं० ST 2, 1-1  
विषय BCAT  
कक्षा BCAT

एवं विज्ञान स्नाकोत्तर महा., वैजतरा  
लेखा - जोखा

माह का प्रस्तावित कार्य	दिनांक
<u>Unit I</u>	
Input and output devices	
AMP, Character Reader and MICR	
Pointing devices, voice input devices	
Primary and Secondary Storage, Data Storage	
Difference between RAM and ROM	
Sequential, Direct and Indexed Sequential	
Hard disk, disk cartridge, optical disk	
Explain CPU and its parts.	
Softcopy output and Hardcopy output	
Printer - Impact printer, Non Impact printer	
Platter, optical disk, CD-ROM	
Cathode ray tube and Flat screen Technology	
<u>Unit II</u>	
Introduction to computer SW, Type of Executive	
System SW and Application SW	
Type of operating system program	
Bootig, loader, Diagnostic Test	
BIOS, Utility programs, file maintenance	
Assembler and compiler	
Interpreter, Translator	
Trends in PC software	
Microcomputer software	
Type of Application SW	
Explain the programs and packages	

हस्ताक्षर विभाग प्रमुख  
दिनांक



हस्ताक्षर प्रदाता  
दिनांक प्रशाखा  
माह 4, जवाहर लाल नेहरू कला शैक्षणिक  
विभाग का प्रस्तावित कार्य, दिनांक 20/09/2018

**Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara**  
**Teaching Plan**

Name of Department Commerce

Session 2018-19

Name of Class :- B.Com I

Name of Subject :- Financial Account

No. of Lecture	Topic to be Covered	Remark
35	<u>Unit 1</u> :- Meaning and scope of Accounting; Need, development and definition objectives of Accounting, difference between book keeping and accounting; Branches of accounting; Accounting principles, Accounting standards Accounting Transaction; Rules of debit & credit compound Journal entry opening entry Relationship between Journal & Ledger Capital & Reserve;	
40	<u>Unit 2</u> :- Final accounts: Trading, P/L A/c and Balance sheet and adjustment entries. Rectification of errors	
30	<u>Unit 3</u> :- Depreciation:- Causes of dep, depletion, amortization, Provision and Reserve. Accounts of Non Trading Institution	
30	<u>Unit 4</u> :- Branch Account:- Debtors system stock and debtor system. Hire purchase and Installment Purchase system	
45	<u>Unit 5</u> :- Partnership Accounts: Essential characteristics of partnership; Partnership deed; Final accounts; Adjustments after closing the accounts; Fixed fluctuating capital; Goodwill; As-10, Joint Life Policy; change in Profit sharing Ratio. b) Reconstitution of a partnership firm - Admission of a partner; Retirement of a partner; Death of partner; Dissolution of a firm; Insolvency of Partnership firm modes of dissolution of a firm; Accounting entries; Insolvency of Partners distribution.	

Name of professor & signature

Dr. Seema Jaiswal





विद्यार्थी का प्रस्तावित कार्य	दिनांक
Third Semester - Paper - First - Critical theory Unit - 1 - The five concepts sources of Sublime - by Loggins - The Green-Romanian	03-04-20
To tell them what is the actual use of criticism various definition propounded by the various writers and critics and learn what to acknowledge learn about Green-Romanian critics hypothesis to discuss thoroughly discuss show index (1) introducing to what is sublimity (2) how to teach sublimity (3) what is the difference between true sublimity and false sublimity (4) what are the five principal sources of sublimity (5) how to teach (6) theory and original position (7) the use of figures of speech (8) sound and language (9) role of rhythm (10) original elevated and ideal etc. exercises.	07-03-20
To ask them to prepare three questions:- (1) What are the five principal sources of sublimity according to Loggins? (2) Loggins as a critic.	

Sunday - 04th April - 2020 - no holiday  
बुधिया तथा कक्षा न लगने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।  
हस्ताक्षर शिक्षक  
दिनांक 03-04-20  
K.K. Tripathi

किया गया कार्य	दिनांक
To write Loggins's account of sublimity along with the explanation and discussion and for this purpose finally a test was also conducted on the end of topic.	

हस्ताक्षर विभाग प्रमुख  
दिनांक .....  
हस्ताक्षर प्रचारक  
दिनांक 03-04-20  
शा.पं. जवाहर लाल नेहरू केंद्र  
स्नाकोत्तर महाविद्यालय, वेमतरा, जिला, उत्तर प्रदेश



नाम Sat  
 वर्ष 19/20

शा.पं. जवाहर लाल नेहरू कला  
 शैक्षणिक

माह का प्रस्तावित कार्य	दिनांक
B.Sc III	
Paper I	
Unit (II)	
Environmental Biology	
Unit (III)	
Toxicology	

पुस्तिका तथा कक्षा में लगाने वाले दिन का उल्लेख यहाँ किया जाना चाहिए।

हस्ताक्षर विभाग  
 दिनांक 21/10/19  
 (Smt J Rajput)

एवं विज्ञान स्नाकोत्तर महा. वैमतरा  
 लेखा - जोखा

विषय Zoology  
 कक्षा B.Sc III

किया गया कार्य	दिनांक
1 Energy Flow in Ecosystem	01/10/19
2 -- I in Different Trophic level	02/10/19
3 Conservation of Natural resources	04/10/19
4 water conservation	05/10/19
5 mineral conservation	10/10/19
6 --	11/10/19
7 Definition of Toxicity	12/10/19
8 classification of Toxicants	15/10/19
9 Principle of Systematic toxicology	16/10/19
10 Toxic agents	17/10/19
11 Animal poisons	18/10/19
12 Snake venom	19/10/19
13 Scorpion	22/10/19
14 Bee poisoning	23/10/19
15 Food poisoning	24/10/19
	31/10/19

हस्ताक्षर विभाग प्रमुख  
 दिनांक 21/10/19

हस्ताक्षर विभाग  
 शा.पं. जवाहर लाल नेहरू कला/ विद्या  
 शिक्षण संस्थान, अजमेर, राजस्थान

**Govt. Pt. J.L.N. Arts & Science College, Bemetara**  
**Department of Biotechnology**  
**Power Point Presentation**  
**Session : 2019:20**





Govt. Pt. J.L.N. Arts & Science P.G. College, Bemetara  
**DEPARTMENT OF MATHEMATICS**  
**SESSION-2017-18**  
**CLASSROOM SEMINAR**



**Govt. Pt. J.L.N. Arts & Science PG College Bemetara**

**Department of Commerce**

**Paper Presentation**

**Session 2019-20**





DEPARTMENT OF BOTANY  
CLASSROOM SEMINAR



## एक प्रयोजना रिपोर्ट

“खाद्य विभाग का उपभोक्ता संतुष्टि पर प्रभाव –  
खाद्य विभाग (बेमेतरा ) के सन्दर्भ में ”

शासकीय पं.जवाहरलाल नेहरू कला एवं  
विज्ञान महाविद्यालय, बेमेतरा (छ.ग.)

हेमचंद यादव विश्वविद्यालय, जिला-दुर्ग(छ.ग.)

वाणिज्य संकाय के अंतर्गत  
मास्टर ऑफ़ कॉमर्स की उपाधि  
हेतु प्रस्तुत

सत्र :- 2019-20



मार्गदर्शक  
लक्ष्मी नारायण गुप्ता  
सहायक प्राध्यापक  
(वाणिज्य विभाग )  
शा.पं.ज.ला.ने.कला एवं  
विज्ञान स्नाकोत्तर महाविद्यालय , बेमेतरा

शोधकर्ता  
पूजा साहू  
(एम.कॉम. चतुर्थ सेमेस्टर)  
अनुक्रमांक -20118117026  
(वाणिज्य संकाय )



नवागाँव गाँव में अन्य पिछड़ा वर्ग परिवार  
का सामाजिक आर्थिक सर्वेक्षण  
एक भौगोलिक अध्ययन



शासकीय पंडित जवाहरलाल नेहरू  
कला एवं विज्ञान महाविद्यालय  
बेमेतरा, जिला-बेमेतरा  
(छत्तीसगढ़)

हेमचंद यादव दुर्ग विश्वविद्यालय, दुर्ग को एम.ए.चतुर्थ सेमेस्टर  
भूगोल की उपाधि हेतु प्रस्तुत.....



वर्ष 2019-20

निर्देशक  
सहा. प्रा. देवेन्द्रधर द्विवेदी  
अध्यक्ष  
भूगोल विभाग

प्रस्तुतकर्ता  
दुपेश्वर कुमार  
एम.ए.चतुर्थ सेमेस्टर भूगोल  
अनुक्रमांक 20118053011

शास.पं.जवाहरलाल नेहरू कला वाणिज्य एवं विज्ञान महाविद्यालय बेमेतरा, जिला-बेमेतरा (छ.ग.)

**A**  
**Project Report**  
**On**  
**“BUS TRAVEL’S”**

Submitted  
In  
Partial fulfillment of the requirements for the award  
of the degree of  
**Bachelor of Computer Application-2<sup>rd</sup> Year**  
For  
Session: 2019-20



At  
Govt.PT.J.L.N. ART & SCIENCE COLLEGE BEMETARA  
Affiliated to  
**HEMCHAND YADAV UNIVERSITY, DURG (C. G.)**

Guided by  
Mr.SATISH TEWALKER



Submitted by  
DAULAT SAHU  
Roll No:

A handwritten signature in blue ink, appearing to be 'D. Sahu'.

प्राचार्य

शान. प्र., जवाहर-काल नेहरू कला / विज्ञान  
समन्वयक महाविद्यालय, बेमेतरा, डि. जे. जे. (C.G.)



शासकीय कला एवं विज्ञान स्नातकोत्तर महाविद्यालय, बेमंतरा  
गणित विभाग  
समूह परिचर्चा - साइबर जालसाजी  
सत्र-2019-20



Department of Geography  
GUEST LECTURE  
Session 2017-18





Department of Economics  
GUEST LECTURE





Date: / /

Rice mill की  
फोटो



Ricemill की फोटो



Engineering  
works की  
फोटो





**Govt. Pt. J.L.N. Arts & Science PG College Bemetara**  
**Department of English**  
**Educational Visit**  
**Session 2017-18**

