



NETAJI SUBHAS OPEN UNIVERSITY

DD-26, Sector-I, Salt Lake City,
Kolkata-700064

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Memo No.: Reg/2075

Date: 09.11.2022

Minutes of the 38th meeting of Academic Council (AC) held on 03rd November, 2022 at 12:00 Noon in the Board Room of the University (3rd Floor) at University Head Quarters, DD – 26, Sector – I, Salt Lake City, Kolkata – 700 064.

Members Present :

1. Professor Ranjan Chakrabarti, Vice-Chancellor, NSOU, Chairperson.
2. Professor Kajal De, Professor of Mathematics & Director of School of Sciences, NSOU.
3. Professor Chandan Basu, Professor of History & Director of School of Social Sciences, NSOU.
4. Professor Manan Kumar Mandal, Professor of Bengali & Director of School of Humanities, NSOU.
5. Professor Anirban Ghosh, Professor of Commerce & Director of School of Professional Studies and School of Vocational Studies, NSOU.
6. Professor Atindranath Dey, Director of School of Education, NSOU.
7. Dr. Ashit Baran Aich, Director of Study Centres, NSOU.
8. Dr. Srideep Mukherjee, Associate Professor of English, NSOU.
9. Dr. Barnana Guha Thakurta (Banerjee), Associate Professor of Political Science, NSOU.
10. Smt. Anamika Das, Assistant Professor of Library and Information Science, NSOU.
11. Dr. Sintu Ganai, Assistant Professor of Chemistry, NSOU.
12. Dr. Premananda Jana, Director, Kalyani Regional Centre, NSOU.
13. Dr. Pranab Giri, Associate Professor of Botany and Coordinator, Motijhil College Study Centre, Dum Dum.
14. Dr. (Smt.) Chaitali Bhattacharjee, Associate Professor of Anthropology and Coordinator, APC College Study Centre, 24 Pgs.
15. Shri Suparno Moitra, Secretary, Bengal National Chamber of Commerce & Industry –Govt. Nominee.
16. Shri Anindya Ch. Majumdar – Govt. Nominee.
17. Smt. Rokeya Ray, Controller of Examinations, NSOU – Invitee.
18. Smt. Ananya Mitra, Deputy Registrar (Administration), NSOU – Invitee.
19. Dr. Sudeshna Chatterjee (Biswas), Deputy Registrar (Academic), NSOU – Invitee.
20. Dr. Madhusri Ghosh Upadhyay, Deputy Librarian, NSOU – Invitee.
21. Dr. Someswar Bhowmik, Officer-in-charge, Centre for Online Education, NSOU – Invitee.
22. Dr. Ashit Baran Aich, Registrar (Acting), NSOU – Member Secretary.



At the beginning of the meeting of the Academic Council, the Registrar welcomed the new Vice-Chancellor Prof. (Dr.) Ranjan Chakrabarti who has taken over the charge of the Office of the Vice-Chancellor, NSOU w.e.f. 15.09.2022.

Agenda for the **38th meeting of the Academic Council** are as follows:

AGENDA:

- A. **Confirmation of the minutes:** To confirm the minutes of the 37th meeting of the Academic Council held on 17th September, 2019 (**Annexure: I**)

Noted and Ratified

- B. **To report and ratify the minutes of 10th, 11th, 12th, 13th and 14th CIQA meetings (Minutes may be seen in the following links accordingly) :**

- i. <http://www.wbnsou.ac.in/about us/CIQA/minutes of the meeting/20211108 10th CIQA meeting.pdf>
- ii. <http://www.wbnsou.ac.in/about us/CIQA/minutes of the meeting/20220209 Mo M 11th CI QA Meeting.pdf>
- iii. <http://www.wbnsou.ac.in/about us/CIQA/minutes of the meeting/20220712 Mo M 12th CI QA annexures.pdf>
- iv. <http://www.wbnsou.ac.in/about us/CIQA/minutes of the meeting/20220907 Mo M 13th CI QA annexures.pdf>
- v. <http://www.wbnsou.ac.in/about us/CIQA/minutes of the meeting/20221013 Mo M 14th CI QA final.pdf>

Noted and Ratified

C. Reporting:

- 1) To report that the syllabus of the proposed **Post Graduate Programme in Environmental Science (PGES)** under the aegis of the School of Sciences (following resolution no. 4 of the minutes of 37th meeting of A.C. dated 17.09.2019) has been approved by the competent authority and the SLMs are being prepared by the writers and editors whose names were also duly approved. (Final Syllabus is attached) (**Annexure: II**)

Noted and Ratified

- 2) To report about the conduct of **LCES-2022** for old BDP and new CBCS science students (for Dec 2022- Jun 2023 TEE) by the School of Sciences in offline mode after two years gap due to the pandemic situation for a total of nearly 9000 students in two phases in October, 2022 and Nov-December 2022.

Noted and Ratified

- 3) To report that the practical papers of UG Mathematics (EMT 16 in old and CC- MT-06 in new CBCS syllabus) are being conducted online through Learning Management Portal for the first time this year, by a **MOOC** (of duration 6 weeks) developed in-house by Mr. Mrinal Nath, Assistant Professor of Computer Science using four quadrant approach.

Noted and Ratified



4) To report that a **laboratory** space of approx. 1600 sq. ft. comprising of Room No. 007 and 008 at the Pentagonal Academic Building of the Kalyani Regional Centre for "Cell Development and Immunobiology Laboratory" of **Zoology** department has been sanctioned as per recommendation of 'Laboratory Infrastructure and Research Committee' (LIRC) in the meeting dated 24.11.2021. The sanction of space has been made vide memo no. Reg/BC/1787 dated 30.08.2022, the process of purchasing of equipment and furniture is going on to develop the said laboratory space as per approval of the competent authority.

Noted and Ratified

5) To report that the development of an interdisciplinary laboratory "**Biodiversity Workstation**" in the Jalpaiguri Regional campus is going on as per approval of the competent authority.

Noted and Ratified

6) To report of the "*Workshop on Capacity Building Approach to Laboratory Based Programmes in ODL Mode*" organized by the School of Sciences held on 26.09.2022 (banners/ notifications/reports/pictures are available on the NSOU website).

Noted and Ratified

7) To report of the first meeting of the '*Centre for Propagation of Scientific Knowledge (CPSK)*' established under the aegis of the School of Sciences on 12.09.2022 and reporting of the finalization of the Guidelines of the CPSK (**Annexure: III**) (Details of CPSK are available on the NSOU website).

Noted and Ratified

8) To report of admission of 10 **Ph.D.** students (dated 06.09.2022) in session January, 2022 in Mathematics (3), Zoology (3), Geography (3) and Chemistry (1) under the aegis of the School of Sciences, the classes of Course work have already started for 3 subjects or others will start soon.

Noted and Ratified

9) To report that all the **SLMs** of **UG CBCS** of 1st & 2nd year of 6 different programmes (16 x 6= 96) of School of Sciences have been published except 3-4 SLMs of Physics (HPH). All the faculties took utmost care to prepare the SLMs in time maintaining the quality. Moreover, more than 50% of the remaining SLMs of 3rd year are also ready to print out of 48 SLMs (8 x 6 programmes) right now.

Noted and Ratified

10) To report of the initiation of **revision** of **PG syllabus** of PGMT, PGGR and PGZO under SoSci. The structure of the revised syllabus has been approved by the competent authority and the faculties are working on the detailing of the syllabus presently. In PGGR, the detailed syllabus is also approved and the writing of the SLMs has started. (**Annexure: IV**)

Noted and Ratified

11) To report on M.Ed. Spl. Ed. (I.D)-ODL (2021-2022) status. (**Annexure: V**)

Noted and Ratified



- 12) To report on Ph.D. in Education (2020-2021 & 2021-2022) status. **(Annexure: VI)**

Noted and Ratified

- 13) To report on the revised norms of B.Ed Spl Ed (I.D.D/I.D, H.I/V.I)-ODL (2022- 2023). **(Annexure: VII)**

Noted and Ratified

- 14) To report on One-Year Diploma in Inclusive Education under CDSER (2021-2022). **(Annexure: VIII)**

Noted and Ratified

- 15) To report on SWAYAM Course on Foundations of Heutagogy, CC-Dr. Papiya Upadhyay. **(Annexure: IX)**

Noted and Ratified

- 16) To report on 1st Swami Vivekananda Memorial Lecture. **(Annexure: X)**

Noted and Ratified

- 17) To report on the various webinars, conferences, web lectures, observation of important days (national & international) held under School of Education (SoE) and CDSER during 2020-2022). **(Annexure: XI)**

Noted and Ratified

- 18) To report on the publication of books from SoE. **(Annexure: XI)**

Noted and Ratified

- 19) To report on online training module on Introduction to Educational Technology (as a compulsory course/paper in PGED Part-II). **(Annexure: XII)**

Noted and Ratified

- 20) To report the on-going minor research projects sanctioned to 04 faculty members under substantive post of School of Education. **(Annexure: XIII)**

Noted and Ratified



- 21) To report on the Publication of ***Caste, Social Formation and Political Mobilization***, Edited by Debajit Goswami and Manoj Kumar Halder, ISBN: 978-93-82112-82-2, Published by The Registrar, NSOU. Publication Date: June, 2022.
Copy Right: Netaji Subhas Open University.

Noted and Ratified

- 22) To report on the National Level Webinar ***Giving Voice to the Voiceless? The Sociology of Identity Politics in Contemporary India*** organized by the Department of Sociology and NSOU Centre for Social Studies, School of Social Sciences, NSOU held on 23.09.2022 on the occasion of the Seventy-Fifth Year of Independence of India, ***Amrit-Mahotsav***. Professor Anand Kumar, Department of Sociology, Jawaharlal Nehru University delivered the Keynote Address. The Presidential Address was delivered by Professor Abha Chauhan, Department of Sociology, Jammu University and President, Indian Sociological Society. Twenty Three scholars presented papers in the Webinar (Detailed Report is attached).
(Annexure: XIV)

Noted and Ratified

- 23) To report the new syllabus for Post Graduate Programme in English Language Teaching (PGELT) and Post Graduate Programme in Journalism & Mass Communication (PGJM) as decided by the concerned Board of Studies and approved by the competent authority.

Noted and Ratified

- 24) To report the following SLM as per newly developed syllabus of PGJM & PGEL

Programme	Paper	Year/ Sem	Version
PGELT	1&2, 3&4, 5&6, 7&10 (Compulsory paper)	1 st year	English
PGELT	8A & 8B, 9A & 9B (Elective paper)	1 st year	English
PGJM	1A & 1B	1 st year	Bengali
PGJM	2A & 2B	1 st year	Bengali
PGJM	3A & 3B	1 st Year	English
PGJM	4A & 4B	1 st year	English

Noted and Ratified

- 25) To report about the CBCS syllabus for undergraduate programme in Bengali & English as per UGC Online & ODL Regulation. New syllabi are available in the NSOU website.

Noted and Ratified; It was further noted by the House that the CBCS Syllabus, as approved, for all undergraduate programmes, are now available in the NSOU website.



- 26) To report about the newly developed SLM as per CBCS syllabus in Bengali and English, i.e. CC-BG-1/2/3/4, GE-BG-11/21(Combined), CC-EG-1/2/3/4 & GE-EG-11/21(Combined). Soft copies are available in the e-SLM section of NSOU website.

Noted and Ratified

- 27) To report about the following publications under School of Humanities.
- a) *Relocating Bengal Partition Milieu: Survival, Resilience and Belongings (2022)*
ISBN: 978-9382-11286-0
Edited by Dr Md Intaj Ali & Manan Kumar Mandal
Demy Paper back, Four colour cover, p.180
Published by Centre for Language, Translation & Cultural Studies, NSOU.
Price: Rs. 350/-
- b) *Design of ELT (2020)*
ISBN: 978-9382-1128-15
Edited by Prof S. Mohanraj & Dr Sumana Bandopadhyay
Demy Paper back, Four colour cover, p.179 Price: Rs 350/-
- c) বাংলার পার্টিশন কথাগুলো: উত্তর প্রজন্মের ষোলোটি প্রথম পৃষ্ঠা (২০২১)
ISBN 978-9382-112/-61
ভূমিকা, সম্পাদনা ও প্রকাশনা: মননকুমার মণ্ডল
রুম্মেল সাইজ, হার্ডি বাউন্ড, ষোলো কালার কভার জন্মকট
পৃ.৩৫৪; মূল্য: প্রথম মুদ্রণ: ৫৫০টাকা, তৃতীয়
মুদ্রণ: ৬৫০টাকা পরমবশকা: খদাজ পাবলিশিং, কলকাতা
- d) মাতৃ ভাষার মাধ্যম শিক্সা: কতদূর, কতদূর (2021)
পর্বত্র সরকার
ষোলো রবীন্দ্রনাথ ঠাকুর স্মারক বঙ্কু তা -২০২১)
রুম্মাই সাইজ, পৃ.৩৩,
ISBN 978-93-82112-80-8

Noted and Ratified

- 28) To report about the following International Seminar & Webinar.
- a) "The Agonies of Nationhood: Cultural Reflections from the Indian Subcontinent"
A three day international webinar organized by the Department of English in collaboration with CLTCS, SoH on 31st July to 2nd August, 2020.
[Invited speaker: Prof. Prathama Banerjee (IIT U), Prof. Kaiser Huq (Dhaka), Nasir Aijaz (Karachi, Pakistan), Dr Amina Yaqin (SOAS, London), Prof. Abdullah Al Mamun (Rajshahi University), Bonna Mirza (Dhaka), Mofidul Huq (Dhaka), Arfa Khanum Sherwani (The Wire), Samiya Mumtaz (Lahore, Pakistan), Prof Anand Prakash (Delhi University)]
Organizing secretary: Dr Srideep Mukherjee, Associate Professor in English, SoH
(Detail can be reached at www.cltcsnsou.in).
- b) "বাংলার পার্টিশন কথাগুলো: ষোলো মুদ্রা, বর্ষা, নাগরিকত্ব, স্মৃতি ও সার্বভৌমতা"
তৃতীয় আন্তর্জাতিক পাশ্চিম ধর্ম্মনাম, ২৯th বৃহস্পতি - ১st মার্চ, ২০২০
আয়োজক: ভাষা, অনুবাদ ও সংস্কৃতি তত্ত্বাবধায়ক, বনতর্জ সূভাষ মুক্ত বিশ্ববিদ্যালয়
উদ্বোধক ও আমন্ত্রিত বক্তৃতা: বনবশ রায়, প্রবীর রায়, মাহমুদ জ আনাম (দ্য ব্রুইল স্টার, ঢাকা), অধ্যাপকের
উদ্বোধন, বকরুল আলম (ঢাকা), অমর মিত্র



(Details available at www.clctcsnsou.in)

- c) To report about the inauguration of **Bengal Partition Repository** –a digital online repository on Bengal Partition developed by the Centre for Language, Translation & Cultural Studies, NSOU in sequel to the activities of several research projects (UGC-DEB & collaboration with the Khulna University and Bangladesh Open University) undertaken since 2016. The digital Repository was inaugurated by Professor Subha Sankar Sarkar, former Vice Chancellor of NSOU on 29th February, 2020. CLTCS, NSOU has also published two printed catalogues containing 400 oral interviews subsequently. Repository can be reached at www.clctcsnsou.in

Noted and Ratified

- 29) To report about the proposal approved by the competent authority regarding the publication of Compendium(s) for Under Graduate Bengali (BDP Bengali) learner enrolled under CBCS syllabus. **(Annexure: XV)**

Noted and Ratified

- 30) To report about the signing of MoU between Bangladesh Open University & Centre for Language, Translation & Cultural Studies of NSOU regarding collaborative research initiative on Bengal Partition & the Liberation War of Bangladesh. **(Annexure: XVI)**

Noted and Ratified

- 31) To report about the signing of MoU between Serampore Girls College, Hoogly and Centre for Language, Translation & Cultural Studies, NSOU for offering CICE course to the learner admitted at Serampore Girls College. **(Annexure: XVII)**

Noted and Ratified

- 32) To report about the Short-Term course organised by the Centre for Language, Translation & Cultural Studies under the aegis of School of Humanities. Details are as follows.

Short term course	Duration	Online host	Cycle /Enrollment
<i>Certificate in Communicative English (CICE)</i>	12weeks (3months)	Google meet	2 nd cycle:
<i>Cinemat Pathshala (Online Film Appreciation Course)</i>	2weeks	NSOU LMS	1 st cycle: 48 (18/09/21 - 03/10/21) 2 nd cycle: 114 (22/11/21 – 07/12/21) 3 rd cycle: 91 (23/05/22 – 07/06/22)



<i>Sangbad Pathshala</i> (Online course on Bengali News Writings)	<i>Rachanar</i>	8weeks (2months)	NSOU LMS	1 st cycle: 47 (15-12-21 – 15-02-22) 2 nd cycle:51 (12-06-22 – 07-8-22)
<i>Introduction to Detective Fiction</i> (Online non-credit course)		8weeks (2months)	NSOU LMS	1 st cycle: 54 (15/01/22 – 15/03/2022)
<i>Folklore Studies in the Digital Age</i> (Online Non-credit interactive course)		8weeks (2months)	Zoom platform	1 st cycle: 105 (05/03/22 – 05/03/2022)
<i>Aesthetics & Literary Criticism</i> (Non-credit online course)		4weeks/ 1month	NSOU LMS	1 st Cycle: 40 (06/06/22 – 06/07/22)

Noted and Ratified

- 33) To report the opening of new and or renewal of LSCs under SVS/ CLL. (Annexure: XVIII)

Noted and Ratified

- 34) To report on the MOOC on Research and Publication Ethics (RPE) run on SWAYAM (NC-IGNOU). (Annexure: XIX)

Noted and Ratified

- 35) To report the revision of M.Lib.I.Sc and B.Lib.I.Sc. (Annexure: XX)

Noted and Ratified

- 36) To report Ph.D. admission for Academic Year 2021-2022:

Discipline	Vacant Published	Position	Forms Forwarded by Reg. Dept.	Applicants selected by DRC	Course Fee Collected
SCHOOL OF SCIENCES					
Mathematics	5		17	3	3
Chemistry	10		1	1	1
Physics	3		0	0	0
Zoology	7		6	3	3
Geography	4		20	3	3
Total	29		44	10	10
SCHOOL OF HUMANITIES					
Bengali	1		3	1	1
English	3		15	2	2
English Language Teaching	2		2	Files not received by Registrar Department till date	



Total	6	20	3	3
SCHOOL OF SOCIAL SCIENCES				
Political Science	4	15	2	2
SCHOOL OF EDUCATION				
Education	2	30	2	2
SCHOOL OF PROFESSIONAL STUDIES				
Library and Information Science	1	0	0	0
Grand Total	4	109	17	1
	2			7

Noted and Ratified

37) To report admission for Academic Year 2019-2020:

Subject	Regional Centre, Durgapur	Regional Centre, Jalpaiguri	Regional Centre, Kalyani	Head Quarters	TOTAL
BA in Bengali	6783	4847	6703	9074	27407
B.Sc. in Botany	71	19	123	121	334
B.Sc. in Chemistry	37	49	39	153	278
Bachelor of Commerce	162	65	390	1307	1924
BA in Economics	31	33	49	42	155
BA in Education	213	580	340	498	1631
BA in English	1148	1102	1350	2100	5700
B.Sc. in Geography	126	108	436	434	1104
BA in History	1995	2011	6991	4476	15473
B.Sc. in Mathematics	178	132	264	335	909
B.Sc. in Physics	53	67	134	107	361
BA in Political Science	313	544	802	711	2370
BA in Public Administration	78	23	116	180	397
BA in Sociology	523	825	593	1118	3059
B.Sc. in Zoology	232	69	568	903	1772
Master of Library and Information	67	35	52	91	245
MA in Bengali	1286	1981	1690	1747	6704
Master of Commerce	42	27	75	246	390
MA in Education	690	1091	801	1104	3686
MA in English	452	656	575	892	2575
MA in English Language Teaching	7	11	12	48	78
M.Sc. in Geography	0	17	0	110	127
MA in History	436	1096	1010	923	3465
M.Sc. in Mathematics	130	154	320	342	946
MA in Public Administration	8	16	21	29	74



Subject	Regional Centre, Durgapur	Regional Centre, Jalpaiguri	Regional Centre, Kalyani	Head Quarters	TOTAL
MA in Political Science	125	420	267	253	1065
Master of Social Work	367	337	181	398	1283
M.Sc. in Zoology	31	20	0	89	140
Bachelor of Library and Information	253	130	212	331	926
B.Ed. Special Education -ODL	13	34	31	156	234
Total	15850	16499	24145	28318	84812

Noted and Ratified

38) To report admission for Academic Year 2020-2021:

Programme	Regional Centre, Durgapur	Regional Centre, Jalpaiguri	Regional Centre, Kalyani	Head Quarters	TOTAL
B.A in Bengali	5431	4137	4477	7879	21924
B.A in Economics	47	48	61	92	248
B.A in Education	186	494	289	553	1522
B.A in English	1096	1031	1273	2282	5682
B.A in History	2197	2044	6514	4344	15099
B.A in Political Science	375	709	901	810	2795
B.A in Public Administration	117	35	88	288	528
B.A in Sociology	576	777	662	1191	3206
Bachelor in Commerce	149	92	285	1067	1593
B.Sc. in Botany	76	26	134	153	389
B.Sc. in Chemistry	72	97	82	248	499
B.Sc. in Geography	125	115	403	534	1177
B.Sc. in Mathematics	166	141	205	290	802
B.Sc. in Physics	90	92	112	185	479
B.Sc. in Zoology	407	103	680	1269	2459
Bachelor of Library and Information Science	275	173	209	404	1061
B.Ed. Special Education (H.I./I.D/V.I.)-ODL	20	45	48	178	291
M.A in Bengali	3447	3125	1802	1780	10154
M.A in Education	1738	1612	760	1078	5188
M.A in English	1552	1096	579	835	4062
M.A in English Language Teaching	44	17	11	41	113
M.A in History	1162	1927	1220	1563	5872
M.A in Political Science	433	952	415	504	2304
M.A in Public Administration	52	25	16	53	146
Master of Commerce	230	56	48	460	794
Master of Library Information Science	73	16	23	53	165
M.Sc. in Geography	0	11	0	92	103
M.Sc.in Mathematics	511	189	302	337	1339
M.Sc. in Zoology	29	16	0	85	130
Master of Social Work	825	555	216	457	2053



Programme	Regional Centre, Durgapur	Regional Centre, Jalpaiguri	Regional Centre, Kalyani	Head Quarters	TOTAL
Ph.D.	0	0	0	33	33

Noted and Ratified

39) To report admission for Academic Year 2021-2022:

Programme	Regional Centre, Durgapur	Regional Centre, Jalpaiguri	Regional Centre, Kalyani	Head Quarters	TOTAL
B.A in Bengali	4938	2770	3560	6099	17367
B.A in Economics	42	39	58	70	209
B.A in Education	292	705	388	644	2029
B.A in English	1155	975	1184	1877	5191
B.A in History	2104	1502	5779	3374	12759
B.A in Political Science	421	595	806	722	2544
B.A in Public Administration	90	44	121	212	467
B.A in Sociology	427	383	420	834	2064
Bachelor in Commerce	163	77	334	963	1537
B.Sc. in Botany	51	24	99	111	285
B.Sc. in Chemistry	47	60	68	156	331
B.Sc. in Geography	121	100	289	360	870
B.Sc. in Mathematics	118	93	129	189	529
B.Sc. in Physics	37	59	131	78	305
B.Sc. in Zoology	263	81	615	892	1851
Bachelor of Library and Information Science	26	17	28	1261	1332
B.Ed. Special Education (H.I./I.D/V.I.)-ODL	23	48	28	188	287
M.A in Bengali	2709	2689	2481	3072	10951
M.A in Education	978	1797	1163	2143	6081
M.A in Journalism and Mass Communication	33	14	0	180	227
M.A in English	1103	1191	1029	1675	4998
M.A in English Language Teaching	14	9	28	44	95
M.A in History	1056	1902	2323	2380	7661
M.A in Political Science	439	1117	840	1186	3582
M.A in Public Administration	88	58	122	202	470
Master of Commerce	122	51	197	1091	1461
M.A in Economics	10	11	35	66	122
Master of Library Information Science	119	57	83	110	369
M.Sc. in Geography	0	17	0	90	107
M.Sc.in Mathematics	292	315	373	413	1393
M.Sc. in Zoology	31	16	24	56	127
Master of Social Work	618	495	313	773	2199
Ph.D.	0	0	0	19	19



Programme	Regional Centre, Durgapur	Regional Centre, Jalpaiguri	Regional Centre, Kalyani	Head Quarters	TOTAL
M.Ed. Special Education (I.D.)	0	0	20	0	20
Total	17930	17311	23068	31511	89839

Noted and Ratified

- 40) To report that University has registered in Plagiarism Detection Software (PDS) as provided by INFLIBNET Centre under the aegis of Ministry of HRD. Dr. Sudeshna Chatterjee Biswas, Deputy Registrar (Academic) was entrusted to take the responsibility of Coordinator in this regard. Coordinator along with two personnel has attended Regional Training Programme on Plagiarism Detection Software held at IIM Calcutta on 21st August, 2019. University has also activated and allotted account for all its faculty members. **(Annexure: XXI)**

Noted and Ratified

- 41) To report that University has introduced the Student Credit Card Scheme (as per Gazette Notification No. 142L/OM-90L/2021 Dated: 30.06.2021) of The Higher Education Department, Government of West Bengal for the enrolled learners. A team has been formed (as per memo no. Reg/0707 Dated :14/07/2021) to perform the SCC related activities. NSOU has organised SCC scheme awareness camp in different RC, LSC & HQ. As on 20.09.2022 total number of applications verified by NSOU was 1506 (Approx.) and total number of application approved by HED, Govt. of WB was 104. **(Annexure: XXII)**

Noted and Ratified

- 42) To report that University has adopted The Swami Vivekananda Merit Cum Means Scholarship Scheme of Govt. of West Bengal and one Ph.D. scholar of English has got the scholarship form 18.03.2021.

Noted and Ratified

- 43) To report that MOUs will be executed between NSOU and the following Study Centres/Learner Support Centres :

(i) Sl. No. 1 to 9 opening of New PG Study Centres/Learner Support Centres (Arts and

Commerce)Name of the Study Centre

District

1. Sarat Centenary College
2. Serampore Girl's College
3. Hiralal Bhakat College
4. Jangipur College
5. Birbhum Mahavidyalaya

Hooghly
Hooghly
Birbhum
Murshidabad
Birbhum



- | | |
|---|-------------------|
| 6. Gobinda Prasad Mahavidyalaya | Bankura |
| 7. Deshabandhu Mahavidyalaya | Paschim Bardhaman |
| 8. Dr. B.R. Ambedkar Satabarshiki Mahavidyalaya, Helencha | 24 Parganas (N) |
| 9. Kandra Radha Kanta Kundu Mahavidyalaya | Purba Burdwan |

(ii) Sl. No. 10 to 11 opening of PG Geography in already existing Study Centres/Learner SupportCentres

- | | |
|--|-----------------|
| 10. Haldia Govt. College (PG Geography) | Purba Medinipur |
| 11. Dr. Kanailal Bhattacharya College(PG Geography) | Howrah |

Noted and Ratified

- 44) To report and ratify the formation of Research Advisory Committee in accordance to Statutes (Revised), 2014 clause 19.(1) against vide notification no.:Reg/0389 dated 21.05.2021. **(Annexure: XXIII)**

Noted and Ratified

- 45) To report and ratify the minutes of the 1st meeting of the Research Advisory Committee held on 10.03.2022 (memo no.: Reg/0241/2022 dated 08.03.2022). **(Annexure: XXIV)**

Noted and Ratified

- 46) To report and ratify the formation of Admission Committee in accordance to Statues (Revised), 2014 clause 20.(1) against vide notification no.: Reg/0329 dated 10.05.2021. **(Annexure: XXV)**

Noted and Ratified

- 47) To report and ratify the minutes of the Admission Committee meeting held on 08.06.2022 (memo no.: Reg/1385/2022 dated 15.06.2022). **(Annexure: XXVI)**

Noted and Ratified

- 48) To report and ratify the committee which has been formed against vide memo no.: Reg/1943 dated 27.09.2022 to formulate the procedure and to make other related recommendation for conduction of Research Eligibility Test (RET) for admission to Ph.D. programme following the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulation, 2016. **(Annexure: XXVII)**

Noted and Ratified

- 49) To report and ratify the formation of ICT committee and ICT subcommittee against vide memo no.: Reg/1945 dated 27.09.2022 and Reg/1944 dated 27.09.2022 respectively. **(Annexure: XXVIII)**



Noted and Ratified

- 50) To report and ratify the reconstitution of CIQA as constituted in accordance with clause- IV(I) of annexure-I of UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020. **(Annexure: XXIX) W.e.f. 26/9/2022 (Memo No. Reg/1929)**

Noted and Ratified

To consider the following Agenda items :

- D. To discuss for the arrangement of high speed internet connectivity and Generator back up for 24 x 7 hrs. to the science laboratories housed in the regional campuses.

The matter was deliberated upon by the members of the House and it was decided that the Director, Regional Centre, Kalyani, would submit a report on the above matter before a final decision on the same is taken.

- E. To discuss about the access of the faculties and other stakeholders like learners, Ph.D. scholars, project fellows and others beyond office hours and in holidays to the respective laboratories to continue their research work for proper utilization of time and resources. Specifically, the security arrangement for the science laboratories situated in the new pentagonal building at Kalyani Regional Centre, NSOU in the late evening hours is needed to facilitate a suitable working condition in the laboratories for the subjects in Sciences (Chemistry, Physics, Zoology, Geography) to support the Ph.D. Programme of the University and to develop a higher science research environment.

Approved after deliberation and it was decided that Director, Regional Centre, Kalyani would look into the matter and submit a report on the same as soon as practicable for further action on the aforesaid matter.

- F. To approve the appointment of Prof. Nimai Chand Maiti (superannuated) under contractual basis in the Department of Education. **(Annexure: XXX)**

Accepted and approved.

- G. To consider the proposal for introduction of CBCS in PG Education. **(Annexures: XI & XXXI)**

Approved in principle;

In principle, resolved that CBCS for all PG Courses to start. However details like time frame of implementation yet to be finalized. However CBCS for most PG courses to start w.e.f. 2024-2025 academic session tentatively, except for some courses like PGEL, PGJM, where the courses are likely to start w.e.f. 2023-2024, Jan, 2024 session.



- H. To consider the proposal for Hellen Keller Memorial Lecture under the University of Jharkhand. **(Annexure: XI)**

Approved in principle, and suggested that the Lecture may be organized under CDSER, School of Education.

- I. To consider the proposal for skill-based/value-added online training modules/NSOU- MOOCs on Education, Teacher Education, Special Education, Physical Education and Yoga Education. **(Annexure: XI)**

Approved in principle.

- J. To consider the proposal for introduction B.Ed-ODL as per NCTE norms and NEP 2020 provisions. **(Annexure: XXXII)**

The House discussed the matter, however it was decided that this being such an important issue, the same needed an elaborate, thread-bare discussion before a final approval on the same can be given. A small committee may be constituted to look into the matter and submit a report on this. The constitution of the Committee is left to Hon'ble Vice-Chancellor.

- K. To consider the proposal for introduction B.A. in Spl Ed as per RCI norms. **(Annexures: XI & XXXIII)**

Approved in principle, however nomenclature and modalities to be decided afterwards and to be ratified in the next Academic Council meeting.

- L. To discuss and approve the proposal for engagement of following faculty (full time dedicated superannuated faculty on purely contractual basis).
1) Bengali : 02 (one should be newly appointed and one should be replaced)
2) English: 01 (to be appointed afresh)

Recommendation will be forwarded to the competent authority from the office of the Director, School of Humanities as per practice in due course.

Approved in principle.

- M. To discuss and approve the following proposal.

"As per recommendation of UGC the nomenclature of erstwhile One year Post Graduate Diploma in JMC, Post Graduate Diploma in PGPR & AD, Post Graduate Diploma in ELT has been changed into Advance Diploma in JMC (ADJMC), ADPR & Ad and ADELTA respectively. However, the syllabus and SLM are same as before. Now initiatives may be taken to update initial pages along with covers of each SLM applicable in this regard. Printing of updated and revised SLM will follow the existing procedure of NSOU."

The matter was discussed in the House and the Revised course content was approved in principle.

- N. To consider the approval of the admission notification for following online Short



Term course to be offered by the CLTCS, NSOU under the aegis of School of Humanities.

Sl no	Course title / Course Coordinator	Duration	Details
1	<i>Folklore Studies in the Digital Age</i> Course coordinator: Dr Md Intaj Ali Assistant Professor in English, SoH Course advisor: Manan Kumar Mandal & Dr Srideep Mukherjee,	8weeks	Non-credit Online STC to be offered through Google meet and Zoom platform Course fees: Admission announcement: November 1 st week tentatively.
2	<i>Certificate in Communicative English (CICE)</i> Course coordinator: Dr Sumana Bandopadhyay, Assistant Professor in ELT, SoH Course advisor: Prof S. Mohanraj & Dr Jaysankar Basu	12weeks/ 3months	Mode: Face to face & Online Arranged by Serampore Girls college as per MoU signed with CLTCS, NSOU, Course fees: Admission announcement: November 1 st week tentatively.
3	<i>Sangbad Rachanar Pathshala (Online Short Term Course on Bengali News Writing)</i> Course coordinator: Dr Baidyanath Bhattacharya, Associate Professor of JMC, SoH, & Arijit Ghosh, Assistant Professor in JMC Course advisor: Prof Sanjay Mukhopadhyay & Prof Manan Kumar Mandal	8 weeks/ Two months	Non credit online STC to be offered through NSOU LMS. Admission announcement: November 1 st week tentatively.
4	<i>Cinemat Pathshala (Online film Appreciation course)</i>	2weeks	Non-credit online STC to be offered through NSOU LMC Admission announcement:
	Course Coordinator: Arijit Ghosh Course advisor: Prof Sanjay Mukhopadhyay & Prof Manan Kumar Mandal		November 1 st week tentatively.
5	<i>Introduction to Detective Fiction</i> Course Coordinator: Dr Anamika Das, Assistant Professor in Bengali, SoH Course advisor: Manan Kumar Mandal, SoH	8weeks	Non-credit online STC to be offered through NSOU LMS. Admission announcement: November 1 st week tentatively.

The matter was discussed in the House and Approved.



- O. To consider the preparation of Academic Calendar, 2022-2023.

Approved and decided that the Academic Calendar must be prepared before the next Admission Session.

- P. To consider the increasing of the tenure of engagement for superannuated faculties (full-time dedicated) up to 1 year, renewable subject to satisfactory performance.

Approved in principle. The same was discussed in the House in case of Officers too and the matter was approved.

- Q. To consider the Preparation for Admission notice of PG programmes (January 2023 session).

Approved in principle.

- R. To consider the translation work of SLM (UG-CBCS) be completed on an urgent basis.

The House noted this and ratified it.

- S. To consider the Implementation of Academic Bank of Credit (ABC) vide UGC letter D.O.F1-1/2022(ABC) dated 13/5/2022. **(Annexure: XXXIV)**

The Controller of Examinations informed the House that the matter was under process and would be implemented soon.

- T. To consider the increase of remuneration for Dissertation guides (applicable for PG courses etc.).

The House proposed that Directors of Schools of Studies may forward proposals on this to the Finance Officer for consideration.

- U. To consider to introduce Library visit for LIS students of NSOU on self-financed mode.

The House ratified the matter.

- V. To ratify the approval of pursuing two academic degree programme simultaneously at NSOU vide UGC letter no. D.O.No.1-6/2007 (CPP-II)(New) dated 13.04.2022. **(Annexure: XXXV)**

The House noted the letter of UGC on the matter relating to pursuing of two academic degree programmes simultaneously and ratified the same.

- W. To consider the introduction of the review system for SLMs and adopt the Reviewer's Guide as attached. **(Annexure: XXXVI)**

The House accepted the same with slight modification in the format item No.5K.



- X. To consider the matter related to getting programme wise approval/recognition for academic year 2023-2024 onwards from UGC. As per UGC-DEB official communications vide F.No. 9-4/2018(DEB-III) dated 16th August 2018; F.No. 9-4/2018(DEB-III) dated 24th October 2018 and F.No. 9-4/2018(DEB-III) dated 24th January 2019 programme wise approval/recognition for following 30 programmes of the University is going to be over on completion of the academic year 2022-2023.

Programme	UGC Memo No. & dated
B.A in Bengali	F.No. 9 4/2018(DEB III) dated 16 th August 2018
B.A in Education	
B.A in English	
B.A in History	
Bachelor in Commerce	
B.Sc. in Botany	
B.Sc. in Geography	
B.Sc. in Mathematics	
B.Sc. in Zoology	
Bachelor of Library and Information Science	
B.Ed. Special Education (H.I./I.D/V.I.)-ODL	
M.A in Bengali	
M.A in Education	
Programme	UGC Memo No. & dated
M.A in English	
M.A in History	
Master of Commerce	
Master of Library Information Science	
M.Sc. in Geography	
M.Sc.in Mathematics	
M.Sc. in Zoology	
B.A in Political Science	F.No. 9-4/2018(DEB-III) dated 24 th October 2018
B.Sc. in Chemistry	
B.Sc. in Physics	
M.A in Political Science	F.No. 9-4/2018(DEB-III) dated 24 th January 2019
B.A in Economics	
B.A in Public Administration	
B.A in Sociology	
M.A in English Language Teaching	
M.A in Public Administration	
Master of Social Work	

The House noted the matter and ratified the same and it was decided that Dr. Anirban Ghosh, Director, CIQA & I/C, SVS & SPS and Dr. Sudeshna Chatterjee Biswas, Dy. Registrar (Academic) would execute the same.



- Y. To approve the Minutes of the Meeting relating to Implementations/Activation of Credit Transfer Mechanism with regard to SWAYAM – MOOCs. **(Annexure: XXXVII)**

Noted and Ratified

- Z. To consider the acceptance of credit mobility of SWAYAM-based courses highlighted in the UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulations, 2021 dated March 25, 2021.

Approved in principle;

The House empowered Hon'ble Vice Chancellor to constitute a Committee comprising of the Directors of Schools of Studies, Director, CIQA, Controller of Examinations and Officer-In-Charge, Centre for Online Education to review the modalities for further necessary action on the matter.

- AA. To consider the formulation of an equivalence mechanism to address the disparity between the credit framework of NSOU programmes/courses and SWAYAM courses. **(Annexure: XXXVIII)**

Approved in principle.

- BB. To consider the proposal that the Study Centres of the university offering both PG & UG courses will be inspected/ visited on a regular basis throughout the year with officials/ faculties from all the departments. External experts may also be involved in the visiting teams from time to time.

It is also proposed that the Regional Centres at Kalyani, Durgapur and Jalpaiguri will be geared up in this regard.

The House approved the same in principle.

- CC. To consider the proposal that Memorandum of Understandings (MOU) will be executed with all the Study Centres in new format. This format has been restructured incorporating legal opinions. **(Annexure: XXXVIII A)**

The house approved the same in principle. The final MoU was restructured in accordance to feedback as received from the Directors of Schools of Studies and Controller of Examinations.



DD. Any other miscellaneous agenda arising with permission of the chair.

Table Agenda

1. To approve the list of courses under the Vocational Studies (SVS) & Centre for Lifelong Learning (CLL)

(Annexure: XXXIX)

Noted and approved by the House.

2. **To consider amendment in eligibility and procedure for admission to Ph.D. programme:**

Eligibility for Ph.D. Admission: The eligibility of the candidate will be as per UGC PhD. rules. Master Degree holders with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7 – point scale (or an equivalent grade in a point scale wherever grading is followed). A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

House approved the same.

3. **Procedure for Ph.D. Admission:**

Candidates will be selected through Research Entrance Test (RET) for admission to Ph.D. programme offered by the respective School of Studies. The RET will consist of a written test as per UGC PhD. rules, followed by an interview/viva voce for candidates successful in the same. Candidates who have qualified at the UGC-NET/GATE (within validity period)/ SET/ UGC – CSIR NET will be exempted by the Research Advisory Committee from appearing in the written test of RET. Teacher Fellowship holders or candidates successfully completed M. Phil. programme will also be exempted by the Research Advisory Committee from appearing in the written test of RET.

House approved the same.

4. Publication of Quarterly Newsletter to publicize our academic or other achievements

Noted by the House and duly ratified.



5. Faculty lecture/s every month by Faculty members, Research Scholars and External Resource Persons.

The House welcomed this initiative and ratified the same.

6. Research weeks to be organized by the University/ Schools on given themes.

The House welcomed this initiative and ratified the same.

7. Fund allocation for Faculty/ Officer Training – travel grant

The House approved the matter in principle and the same may be included in the University Annual budget to be prepared by the Finance Officer.

8. Budget allocation for Personal Research Grant (PRG) for Faculty

The House approved the matter in principle and the same may be included in the University Annual budget to be prepared by the Finance Officer.

9. Budget allocation for holding seminar/workshop/conference/ Research weeks etc.

The House approved the matter in principle and the same may be included in the University Annual budget to be prepared by the Finance Officer.

10. Miscellaneous matters

Certain exam related matters were raised by the Controller of Examinations before the House, with permission of the Chair, and it was proposed by the House that these issues in detail maybe submitted by the Controller of Examinations before Hon'ble Vice Chancellor, for his consideration and to be placed for ratification in the next Academic Council.

Similarly Dy. Librarian reported about an Internship program which the House proposed to be reported and discussed in the next meeting of the Academic Council.

**Sd/-Registrar
Member Secretary
A.C., NSOU**



Memo No.: Reg/2075/ 1 (21)

Date: 09.11.2022

Copy to :

1. Professor Ranjan Chakrabarti, Vice-Chancellor, Chairperson.
2. Professor Kajal De, Professor of Mathematics & Director of School of Sciences.
3. Professor Chandan Basu, Professor of History & Director of School of Social Sciences.
4. Professor Manan Kumar Mandal, Professor of Bengali & Director of School of Humanities.
5. Professor Anirban Ghosh, Professor of Commerce & Director of School of Professional Studies and School of Vocational Studies.
6. Professor Atindranath Dey, Director of School of Education.
7. Dr. Ashit Baran Aich, Director of Study Centres.
8. Dr. Srideep Mukherjee, Associate Professor of English.
9. Dr. Barnana Guha Thakurta (Banerjee), Associate Professor of Political Science.
10. Smt. Anamika Das, Assistant Professor of Library and Information Science.
11. Dr. Sintu Ganai, Assistant Professor of Chemistry.
12. Dr. Premananda Jana, Director, Kalyani Regional Centre.
13. Dr. Pranab Giri, Associate Professor of Botany and Coordinator, Motijhil College StudyCentre, Dum Dum.
14. Dr. (Smt.) Chaitali Bhattacharjee, Associate Professor of Anthropology and Coordinator, APC College Study Centre, 24 Pgs.
15. Shri Suparno Moitra, Secretary, Bengal National Chamber of Commerce & Industry –Govt. Nominee.
16. Shri Somesh Dasgupta, President (Corporate Affairs & Administration), India, PowerCorpn. Ltd. – Govt. Nominee.
17. Shri DebashisBhattacharya, Faculty – Management & Technology, Bharatiya Bidyabhaban – Govt. Nominee.
18. Shri Anindya Ch. Majumdar – Govt. Nominee.
19. Regional Director, IGNOU, Eastern Region.
20. Registrar – Member Secretary.
21. Guard File

Sd/-
Registrar
Member Secretary
A.C., NSOU



NETAJI SUBHAS OPEN UNIVERSITY

DD-26, Sector-I, Salt Lake City, Kolkata-700064

Email: registrar@wbnsou.ac.in; Ph: (033)4066-3220

Annexure - I

Memo No.: Reg/2101

Date: 01.10.2019

Minutes of the 37th meeting of Academic Council (AC) held on 17th September, 2019 at 11-30 A.M in the Board Room of the University (3rd Floor) at University Head Quarters, DD - 26, Sector - I, Salt Lake City, Kolkata - 700 064.

Members present:

1. Vice-Chancellor, NSOU
2. Director, School of Sciences
4. Director, School of Social Sciences
5. Director, School of humanities
6. Director, SPS & SVS
7. Director, School of Education
7. Director, Study Centres
8. Shri Suparno Mojtra, Govt. Nominee
9. Shri Anindya Chandra Majumder, Govt. Nominee
10. Smt. Tinki Kar Bhattacharya, Asstt. Professor of Geography
11. Dr. Bibhas Guha, Asstt. Professor of Zoology
12. Dr. Tilak Nath Ghosh, Co-ordinator, Netaji Mahavidyalaya Study Centre
13. Dr. Dilip Bhattacharya, Co-ordinator, Balurghat College Study Centre
14. Registrar, Member Secretary

Other Invitees:

1. Smt. Rokeya Ray, Controller of Examination (Acting)
2. Smt. Ananya Roy Chowdhury (Mitra), Dy. Registrar (Admin.)
3. Dr. Sudeshna Chatterjee (Biswas), Dy. Registrar (Acad.)

Professor Subha Sankar Sarkar, Vice-Chancellor presided over the meeting and welcome all the members and other invitees attended the meeting. He briefed on the receipt of UGC approval of programmes for 2018-19 to 2022-23 and creation of 106 posts of teaching Faculties by the State Govt. in addition to the existing 55 faculty posts and also regarding the permission given by the Govt for filling up altogether 92 posts of Faculties (out of 161 posts). He also informed the house regarding the ongoing recruitment processes of teachers. It was pointed out that already some new faculties had joined. Then the meeting proceeded agenda wise as follows:

AGENDA:

1. **Confirmation of the minutes:** To confirm the minutes of the 36th meeting of the Academic Council held on 16th February, 2018 (Annexure: 1).

Members present gone through the minutes of the 36th meeting and confirmed the same without any modification.



2. Regarding Ph.D. programme in regular mode – the following may be considered and approved:
- To consider the minutes of the meeting regarding Ph.D programmes of NSOU.(Annexure: 2)

Considered, discussed and approved with some modification in B (vi) of the annexure which will be as "Examination will be conducted by the respective Department/ School at the end of the semester. For the theoretical paper(s) of 100 marks, the examinations will generally be of three hour duration for each paper."

- To determine the fees structure for 2019-20 session; (Annexure: 3)

After due deliberation this has been approved with modification of the annexure which will be as follows:

- There will be no change.
- After completion of Course work, enrolment fee will be : Rs. 2,000/-
 - Fee for Non lab based subjects for first three years : Rs. 21,000/-
 - Fee for lab based subjects for first three years : Rs. 30,000/-
- After three years within the validity of registration period : Rs. 7,000/- per year for non lab based subjects.
 - After three years within the validity of registration period : Rs. 10,000/- per year for lab based subjects.In addition to above, for lab-based subjects further amount of fee can be collected from the student, considering the expenses involved, on case to case basis.
- There will be no change.

iii.To report the constitution of 5 Departmental Research Committees (DRC) of the School of Sciences (Chemistry, Geography, Mathematics, Physics & Zoology), 3 DRC of School of Humanities (Bengali, English, English language Teaching), 3 DRC of School of Social Sciences (History, Political Science and Sociology), 1 DRC of School of Education (Education) and 2 DRC of School of Professional Studies (Commerce/Management and Library & Information Science) as per rules.

Members noted the formation of 14 DRCs under the aegis of 5 Schools of Studies.

- To approve the syllabus of Course Work of Ph.D. in Commerce/ Management; (Annexure: 4)
This has been approved
- To approve the syllabus of Course Work of Ph.D. in Library and Information Science; (Annexure : 5)
This has been approved

3. To discuss about the structure of Post Graduate programmes under CBCS for the Schools of Studies, NSOU :

SEMESTER	No. of Courses	Marks	Credit	Total (Marks /Credit)
Semester I	Core Course - 5	5 X 50=250	5 X4 =20	250/ 20
Semester II	Core Course- 5	5 X 50 = 250	5 X4 =20	250/ 20
Semester III	Core Course-3 Discipline Specific Elective-2	3 X50=150 2 X 50= 100	3 X4=12 2 X 4=8	250 /20
Semester IV	Core Course-3 Discipline Specific Elective-2	3 X 50=150 2 X 50= 100	3 X 4=12 2 X 4 =8	250 /20
	Total of Core Course (CC) =>16 Total of Dis. Sp. Elect. (DSE) =>04	CC-800 DSE-200	CC-64 DSE-16	1000 /80



This was discussed and approved.

4. To recommend the introduction of the following New Post Graduate Programmes in ODL mode under the aegis of the Schools of Studies subject to approval of DEB-UGC :
 - i. Botany
 - ii. Chemistry
 - iii. Computer Science
 - iv. Environmental Science
 - v. Physics
 - vi. Economics
 - vii. Sociology
 - viii. Journalism & Mass Communication (JMC)

This was discussed and approved.

5. To consider the 2nd year report of the 3-year NSOU-CEMCA project (2017-18 to 2019-20) titled "Increase Access and improve institutional capacity for sustainable development through vocational education and training" under the School of Vocational Studies. (Annexure: 6)

This was considered and approved.

6. To approve the Coordinator's manual. (Annexure: 7)
This was considered and approved in principle.
7. To approve the Students' Grievance Redressal Mechanism. (Annexure: 8)
This was considered and approved in principle.
8. To approve the Examination Regulation. (Annexure: 9)
This was considered and approved in principle.
9. To consider and approve :

The RCI, New Delhi vide its Memo No. 10-23/M Ed. Spl. Ed.-ODL/2018/RCI 8358 Dt. 31 July, 2019 (Annexure: 10) has issued No Objection Certificate in favour of NSOU to conduct M. Ed. Spl. Ed. (Hearing Impairment & Intellectual Disability)- Open and Distance Learning (ODL)-Mode Course at NSOU. The RCI has sanctioned 30 in take in each disability area, so the total intake is 60, combining two disability areas namely Hearing Impairment and Intellectual Disability. Therefore, the said academic program may be introduced at the University end subject to approval of the program by the DEB-UGC.

This was considered and approved.

10. To consider the proposal to prepare the revised SLMs under CBCS by Professional Agency for all Post Graduate programmes (PG) and Bachelor Degree Programmes (BDP) to be determined by the respective Schools of Studies from time to time in chosen language.

This was considered and approved. Terms of reference shall be prepared with the help of School of Studies and technical bid shall be obtained before financial bid and pre bid meeting of the prospective bidders may be arranged.

11. To consider the proposal of the School of Education, NSOU to introduce the RCI approved Advanced Certificate Course in Inclusive Education (Cross Disability) [ACCIE(CD)] in SWAYAM platform through MOOC.

This was considered and approved.

12. To consider and approve the constitution of Institutional Academic Integrity Panel (IAIP) as per academic integrity regulation of UGC (Annexure: 11)



It was agreed in principle but advised for subsequent deliberation and placement before the concerned authority.

13. Reporting:

- (i) To report the list of candidates who have been awarded the Ph.D. degree since the 73rd meeting of the Executive Council (Annexure: 12).
The report was noted.
- (ii) To report on the development of the Self Learning Materials of BDP-ECO (Commerce) on the revised curricula based on CBCS scheduled to be introduced in 2020-21 session (Annexure: 13).
The report was noted.
- (iii) To report on the development of the Self Learning Materials of M.Com on the revised curricula scheduled to be introduced in 2020-21 session (Annexure: 14).
The report was noted.
- (iv) To report the acceptance of the 3rd year proposal of the 3-year NSOU-CEMCA project (2017-18 to 2019-20) titled "Increase Access and improve institutional capacity for sustainable development through vocational education and training" under the School of Vocational Studies (Annexure: 15).
The report was noted.
- (v) To Report the CBCS BDP Bengali & BDP English Syllabus
Annexure: 16 (For UG Programme in Bengali)
Annexure: 17 (For UG Programme in English)
The report was noted.
- (vi) To report the New PGELT syllabus 2019
Annexure: 18 (PGELT syllabus)
The report was noted.
- (vii) To report about the successful completion of "Live with Learner" programme designed by the School of Humanities to extend learner support service for PG learner for Bengali, English & ELT. Seven (07) faculty members were engaged in 30 working days @2hrs per day in which a total of 60 hrs of academic engagement has been made with the target learner. (Annexure: 1)
The report was noted.
- (viii) To report about the activities of the "Centre for Language, Translation & Cultural Studies" (CLTCS) :
 - a) A dedicated website of CLTCS has been designed and installed in November, 2017. The URL is: www.cltcsnsou.in
The report was noted.
 - b) CLTCS, NSOU has introduced two Short Term Course (Duration of 3 Months) at Kalyani Campus from September 2018 - CICE (Certificate in Communicative English), ACICE (Certificate in Advance Communication English).
The report was noted.
 - c) CLTCS, NSOU has signed a MoU with Serampore Girls College, Hooghly, WB to launch CICE & ACICE Course at Serampore Girls College. (Annexure: 20-a)
The report was noted.



- d) CLTCS, NSOU has organised Six (06) Lectures under Partition Lecture Series, in which eminent persons were invited. (Annexure: 20-b)
The report was noted.
- e) The CLTCS, NSOU has signed a MoU with Bangladesh Open University to facilitate the collaborative research initiatives on Bengal Partition & the Liberation war of Bangladesh and its aftermath. The MoU is signed on 30th June, 2019 and the signatories are the Registrar, BOU & the Coordinator, CLTCS, NSOU (Annexure: 20-c)
The report was noted.
- f) The CLTCS, NSOU has developed a digital repository namely 'Bengal Partition Repository' (BPR) in sequel to various research activities transpired from an UGC-DEB project of which Prof Manan Kumar Mandal was the Principal Investigator. The BPR will be opened in public domain in January 2020.
The report was noted.
- (ix) To report that the DRC -SoE has developed Ph.D. Course Work syllabus and duly approved which may be implemented from the day as to be decided by competent authority (Annexure-21).
The report was noted.
- (x) To report the constitution of Advisory Committee for Vocational Courses (Annexure-22)
The report was noted.
- (xi) To report and approve the minutes of meeting of the Advisory Committee of the School of Vocational Studies (Annexure-23).
The report was noted.
- (xii) To report that new study materials under CBCS for the following BDP subjects under School of Sciences are in the stage of being prepared and would be implemented from academic session 2020-2021: Physics, Chemistry, Mathematics, Botany, zoology, Geography and Environmental Science
The report was noted.
- (xiii) To report introduction of new PG programmes in Zoology and Geography in Ananda Chandra College, Jalpaiguri from academic session 2019-2020.
The report was noted.
14. Any other miscellaneous agenda with the permission of the chair.

Table Agenda for 37th Meeting of Academic Council (AC) :

- i) To report that BDP in Education has been introduced from the 2018-2019 session. SLMs for the First year have been already distributed to the learners. Second & Third year SLMs are in the press, to be printed and delivered shortly. (Annexure – 24)
The report was noted.
- ii) To report that new SLMs under CBCS for BDP in Education is in the stage of being prepared and would be introduced from academic session 2020-2021. (Annexure – 25)
The report was noted.



iii) To approve the revised course curricula of Tailoring and Dress Designing (1 year and 2 year) w.e.f. July 2019 session as recommended by the Advisory Committee of School of Vocational Studies. (Annexure – 26).

The agenda was discussed and approved.

iv) Reporting of admission under the Centre for Lifelong (CLL) of July 2019 session. (Annexure – 27)
The report was noted.

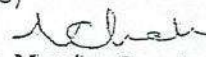
v) To approve the syllabus of Course Work of Ph.D. in Bengali. (Annexure – ?????)
The agenda was discussed and approved.

vi) To approve the syllabus of Course Work of Ph.D. in English. (Annexure – ?????)
The agenda was discussed and approved.

vii) To report that Student Support Services (ICT Support) for all BDP students will be extended from time to time from academic session 2019-2020 onwards.
The report was noted.

viii) To consider the possible closure of the Sriniketan Shantiniketan Development Authority (SSDA) Centre of the School of Vocational Studies from the next academic session.
Considered and approved in principle. However, interest of the present students shall be protected by : (a) allowing them to complete their course within the stipulated period; (b) giving them the option for shifting to other centre(s) or to (c) discontinue the course.

ix) To report on collaborative publication of a compendium titled "English Poetry Compendium....." jointly by NSOU and Cambridge (copy right with NSOU)
Members noted the report.



Registrar, Member Secretary
Academic Council, NSOU

Memo No.: Reg/2101(17);

Date: 01.10.2019

Copy to :

1. Shri Suparno Moitra, Govt. Nominee.
2. Shri Somesh Dasgupta, Govt. Nominee.
3. Shri Debashis Bhattacharya, Govt. Nominee.
4. Shri Anindya Ch. Majumdar, Govt. Nominee.
5. Regional Director, IGNOU.
6. Dr. Ashit Baran Alch, Director of Study Centres.
7. Prof. Kajal De, Professor of Mathematics & Director of School of Sciences.
8. Prof. Chandan Basu, Professor of History & Director of School of Social Sciences.
9. Prof. Atindranath Dey, Director of School of Education.
10. Prof. Manan Kumar Mandal, Professor of Bengali & Director of School of Humanities.
11. Prof. Anirban Ghosh, Professor of Commerce & Director of School of Professional Studies & School of Vocational Studies.
12. Dr. Bibhas Guha, Assistant Professor of Zoology.
13. Smt. Tinki Kar Bhattacharya, Assistant Professor of Geography.
14. Dr. Tilak Nath Ghosh, Co-ordinator, Netaji Mahavidyalaya Study Centre, Arambag.
15. Dr. Dilip Bhattacharya, Co-ordinator, Balurghat College Study Centre.
16. E.S. to V.C. for information to Hon'ble Vice Chacellor.
17. Guard File


Registrar, Member Secretary
A.C., NSOU

NETAJI SUBHAS OPEN UNIVERSITY

ENVIRONMENTAL SCIENCE



M. Sc. SYLLABUS

SEMESTERSYSTEM

[CHOICE BASED CREDIT SYSTEM]

Framework of Environmental Science M.Sc. Programme

Semester	Code	Paper	Marks	Assignments	Credit	Total Credit
1 st	PGES CC101	Fundamentals of Environmental Science	40	10	4	20
	PGES CC102	Environmental Chemistry	40	10	4	
	PGES CC103	Environmental Biology	40	10	4	
	PGES CC104	Energy and Environment	40	10	4	
	PGES P105	General Practical	50		4	
2 nd	PGES CC201	Environmental Pollution, Degradation and control	40	10	4	20
	PGES CC202	Environmental Geosciences and Climate Change	40	10	4	
	PGES CC203	Solid Waste and Hazardous waste management	40	10	4	
	PGES CC204	Risk & Disaster Management and Environmental Safety	40	10	4	
	PGES P205	General Practical	50		4	
3 rd	PGES CC301	Environmental Statistics and Environmental Health	40	10	4	20
	PGES DSE302	GIS and Remote Sensing	40	10	4	
	PGES DSE303	Hydrology and Water Management	40	10	4	
	PGES P304	General Practical	50		4	
	PGES P305	Field Visit and Report	50		4	
4 th	PGES CC401	Environmental Impact Assessment and Environmental Laws	40	10	4	20
	PGES CC402	Sustainable Development, Environmental Economics and Management	40	10	4	
	PGES DSE403	Environmental Toxicology and Ecotoxicology	40	10	4	
	PGES DSE404	Environmental Microbiology and Biotechnology	40	10	4	
	PGES P405	General Practical	50		4	
Total			850	150	80	
			1000			

FIRST SEMESTER

PGES CC101: FUNDAMENTALS OF ENVIRONMENTAL SCIENCE

Marks 50

Credit 4

Basic concepts of Environmental Science: Definition of Environment, Scope and Principle of environmental science, Environmental ethics and philosophy; environmental education and awareness; Green politics

Components of Environment: Lithosphere, hydrosphere, atmosphere and biosphere; physical and biological environments

Man, society and environment: Human civilization processes (Man-Environment relationship); Human settlements, Biogeographic provinces of the world and Ecofeminism

Current Environmental issues: Global environmental issues: Biodiversity loss, ozone layer depletion;

Indian environmental Issues: environmental movements related issues (Bishnoism, Silent Valley movement, Chipko movement, Appiko movement, Narmada dam, Tehri dam, Almatti dam); River conservation plan (Namami Ganga and Yamuna Action plan), River linking; conservation of wetland: Ramsar sites in India; Desertification and their control

PGES CC102: ENVIRONMENTAL CHEMISTRY

Marks 50

Credit 4

Fundamentals of Environmental Chemistry: Atoms, Classification of elements, chemical bonds and chemical reactions; Stoichiometry; Gibbs' energy; chemical potential, chemical kinetics and chemical equilibrium

Laws of thermodynamics, the solubility of gasses in water, radioisotopes

Biological chemistry: Saturated and unsaturated hydrocarbons and polymer chemistry; chemistry of carbohydrate, protein, fat, nucleic acids, *etc*; green chemistry – concept, green catalyst; material life cycle and application of green chemistry

Atmospheric chemistry: Composition of air; Particles, ions and radicals in the atmosphere; formation of particulate matter in atmosphere, oxygen and ozone chemistry; Photochemical smog

Water Chemistry: Fundamental of Water chemistry; Concept of DO, BOD and COD; Sedimentation, Coagulation and Flocculation, pH and redox potential (Eh)

Principles of analytical methods: Design of sampling techniques (air, soil, biological matters), Gas chromatography, HPLC, GC-MS; Atomic absorption spectroscopy, Flame photometry, ICP-MS; XRF, XRD, FTIR, SEM, TEM

PGES CC103: ENVIRONMENTAL BIOLOGY

Marks 50

Credit 4

Life Processes and characteristics: Origin of life; role of natural selection, genetic drift, concepts of Gaia Hypothesis

Ecosystem structure and functions: Tropic structure and function in ecosystem; productivity; food chain and food webs, energy flow models; ecological succession – causes, trends, of succession, basic types of succession, general process of succession, climax concept; species diversity, concept of ecotone, edge effect, ecological habitats and niche; ecosystem services

Population and Human ecology: Population properties and dynamics of population growth, factors controlling population growth; metapopulation; concept of carrying capacity; mechanism of population equilibrium; concept of 'r' and 'k' species, keystone species; Human population growth, expansion and its causes; human demography, future of human population

Biomes: Biomes and biome types; characteristics of different biomes: forest, grassland, highland icy alpine biome, tundra, and desert

Community ecology: Community structure, factors influencing the structure of communities, community dynamics, species diversity in communities, interspecific interactions

Biological diversity: Definition, type and importance of biodiversity, threats to biodiversity; biodiversity hotspot in India, megabiodiversity country; Extinct, rare, endangered and threatened flora and fauna of India; strategies for biodiversity conservation: *in situ* and *ex situ* conservation, national parks, sanctuary, protected areas in India, biopiracy

PGES CC104: ENERGY AND ENVIRONMENT

Marks 50

Credit 4

Energy Resource: Concept of renewable non-renewable resource, conventional and nonconventional energy resource; Energy use pattern in India

Nonrenewable or conventional energy resource: classification and composition of fossil fuels; physicochemical characteristics and energy content of coal, petroleum and natural gas

Nonconventional energy sources: principle, importance and basic mechanism of generation: hydro-power, wind power, tidal energy, geothermal energy, OTEC

Solar Energy: Sun as source of energy, theory of generation of solar electricity, solar collector; photovoltaic modules; solar pond

Nuclear energy: fission and fusion reaction, Nuclear fuels, nuclear reactor: principals and types

Bioenergy: bio-mass characteristics; Production of energy from biomass: Problem and prospects

PGES P105: GENERAL PRACTICAL

Marks 50

Credit 4

1. **Determination of Physico-chemical properties of water:** pH, DO, BOD, COD, free and combined CO₂, salinity, conductivity, transparency (Secchi Disc method), sulfate, phosphate, nitrate-nitrogen, ammonical-nitrogen, sodium and potassium
2. **Soil properties:** pH, organic matter, N, P, K
3. Study of pond biota – phytoplankton, zooplankton and macrophytes

SECOND SEMESTER

PGES CC201: ENVIRONMENTAL POLLUTION, DEGRADATION AND CONTROL

Marks 50

Credit 4

Air Pollution: Natural and anthropogenic sources; Type of pollutants and their transportation; Mixing height, lapse rate, plume behaviour, Gaussian plume model; inorganic pollutants (SO_x, NO_x), ozone, SPM, acid rain, odour pollution; organic pollutants, biopollutants; effects of air pollutants; different control measures and Indian ambient air quality standards

Water pollution: Sources and types; inorganic and organic pollutants; eutrophication, heavy metals and bacterial contamination; thermal pollution; sewage and groundwater pollution, effluent treatment; General effects of water pollution, control technologies of water pollution

Noise pollution: Sources and types of noise; Noise intensity; Noise and noise-indices measurement; Effects control of noise pollution

Soil pollution: Sources and types of different pesticides, synthetic fertilizer (N, P&K) etc.; the impact of soil pollutants; management of agricultural pollution in India

Thermal Pollution: source of thermal pollution, heat islands, causes and consequences

Marine Pollution: sources of marine pollution and its impacts; control and management of marine pollution; coastal zone management

Radiation pollution: sources of radioactive pollution; biological effects of ionizing radiations; pollution from nuclear weapons' explosions, from electric power generation plant and nuclear reactors

PGES CC202: ENVIRONMENTAL GEOSCIENCES AND CLIMATE CHANGE

Marks 50

Credit 4

Fundamentals of Earth processes: Origin of Earth; Geological time scale; Structure of earth's crust, Geotectonics; Continental drift and mountain building with reference to plate tectonics; Landforms developed due to water, wind and glacier

Rocks and minerals: physical and engineering properties of rocks; distribution of important minerals and rocks in India; different types of rocks: igneous, metamorphic and sedimentary

Soil: Soil formation, external geomorphic processes: weathering and erosion; sediments and sedimentation; identification and characterization of clay minerals; cation exchange capacity; soil sampling and analysis, soil contamination, soil conservation and management.

Fundamentals of climatology: Scale of meteorology; Elements of climate; Coriolis force, pressure gradient force, frictional force; Spatial and temporal patterns of climatic parameters in India, Indian monsoon, Climatic regions of India based on Koeppen's classification

Climate Change: Climate change and national action plan on climate change; green buildings; GRIHA Rating Norms; COPs

PGES CC203: SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT

Marks 50

Credit 4

Waste management: Types, sources and generation of wastes, their characterization, chemical composition; methods of disposal and management of wastes; integrated waste management; Energy from waste

Municipal solid waste management: composition; on-site disposal; incineration; open dumping; sanitary landfill; environmental consequences, sewage fed fisheries; composting

Hazardous waste: sources, types and characteristics; oxidation-reduction, solidification; handling and management of radioactive waste; environmental impacts

Biomedical waste: generation and characteristics; segregation; Different management practices: colour codes; disposal and treatments

E-waste: sources, classification, methods of handling and disposal; environmental impacts

Fly ash: source and composition; fly ash utilization and disposal

Plastic waste: source consequences and management; Bioplastics

PGES CC204: RISK & DISASTER MANAGEMENT AND ENVIRONMENTAL SAFETY

Marks 50

Credit 4

Natural disaster management: Natural Hazards: floods, landslides, earthquake, volcanism, tsunami; IDNDR viewpoint; disaster studies – Indian scenario; role of information science and technology for natural disaster reduction; natural disaster mitigation *vis-à-vis* risk and vulnerability

Environmental safety and Health protocols: Concept of Risk; Risk assessment methodologies; Hazard-risk evaluation and management; environmental safety measurements; Industrial safety measures and management; fire safety protocols

PGES P205: GENERAL PRACTICAL

Marks 50

Credit 4

1. Macroscopic and microscopic identification of igneous, sedimentary and metamorphic rocks, common minerals; Study of fossils with reference to paleo-environment
2. Handling of meteorological data recording equipment; Meteorological parameters: Temperature, moisture, humidity, light, wind speed
3. Air pollution sampling device- demonstration of the operating principle of High Volume Sampler, estimation of dust particles, ambient air quality.
4. Measurement of noise level
5. Plankton collection and counting
6. Demonstration of vegetation frequency, density, abundance, cover and basal area, dominance, Importance Value Index (IVI) and phytography
7. Effect of pesticides on opening and closing of stomata of different crops

THIRD SEMESTER

PGES CC301: ENVIRONMENTAL STATISTICS AND ENVIRONMENTAL HEALTH

Marks 50

Credit 4

Environmental statistics: Basic elements and tools of statistical data analysis, bivariate and multivariate data; statistical measures -- mean, median, standard error and deviation; Distribution: normal, t and χ^2 , poisson and binomial; testing of hypothesis: t-test, χ^2 test and ANOVA; level of significance, degree of freedom; probability; derivations and integrations, matrix

Environmental health and health hazards: Concept of health and disease; principles of epidemiology; epidemiology of communicable and non-communicable diseases – brief notes; occupational health (Silicosis, Asbestosis, cardio-respiratory problem); communication for health education; health planning and management; National health programs

Environmental health monitoring: Application of Bio-sensor, sensor species, sensor-based monitoring

PGES DSE302: REMOTE SENSING AND GIS

Marks 50

Credit 4

Basic principles of remote sensing-: Classification of map, commonly used map projections; Electromagnetic radiation, remote sensing process; physics of radiant energy; energy source sources and radiation principles; energy interactions in the atmosphere; scattering; energy interaction with earth surface materials; an ideal remote sensing system

Remote sensing platforms and sensors: Satellite system parameters; resolutions; imaging sensor systems- active and passive; different types of satellite with special emphasis on Indian remote sensing satellites

Digital image processing: The basic character of the digital image; image classification- supervised and unsupervised

Principles of GIS: Spatial data representation – Raster, Vector, Spatial objects and their relationship, Essential elements of GIS, GIS functions, Advantages of GIS, Linking between GIS and RS.

Environmental Application of Remote sensing and GIS: Fundamentals of GPS; Application of remote sensing in different fields: Land use and land cover mapping and planning, agricultural, watershed mapping, climate change monitoring, disaster management

and forestry application

PGES DSE303: HYDROLOGY AND WATER MANAGEMENT

Marks 50

Credit 4

Hydrological cycles and process: hydrological cycle; precipitation, evaporation, transpiration, runoff, infiltration; types of water

Groundwater hydrology: origin of groundwater; genetic classification of groundwater; Aquifer types; Water table and piezometric surface; Aquifer properties: porosity; void ratio, specific retention, hydraulic conductivity; transmissivity, specific yield, storativity; Darcy's law and its validity; groundwater velocity; Elasticity of confined aquifer, Land subsidence

Water resources management: World water balance, groundwater provinces in India; safe yield and overdraft, groundwater depletion, cause, effects; climate change impacts on water resource management; rainwater harvesting and artificial recharge; watershed management

PGES P304: General Practical

Marks 50

Credit 4

1. Interpretation of geological and topological maps
2. Satellite image interpretation
3. Survey a specific area through GPS
4. Problems related to groundwater assessment
5. Hydrological map interpretation
6. Mean, median, mode, correlation and regression-based of environmental data
7. Demonstration on rainwater harvesting and watershed management system

PGES P305: Field Visit and Report

Marks 50

Credit 4

Report preparation of at least 2 days of field visit, based on common landforms/ mining/ industry process/ human settlement and adaptability

FOURTH SEMESTER

PGES CC401: ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL LAWS

Marks 50

Credit 4

Environmental Impact Assessment: Origin of EIA, Aims and objectives of EIA; principle and characteristics of different EIA processes and their relationship; EIA guidelines and notifications(EIA, CRZ, IPZ), Basic steps for environmental clearance of projects

EIA techniques and methods: Evaluation of methodologies, different methods -- Ad Hoc, Checklist, Overlay, Matrix, use of Computers & expert system; Environmental Management Plan, EIA and planning and management; Environmental AuditSystem

Environmental Policy and Conventions: National Policy regarding environmental protection, National and International Conventions and Treaties, Administrative and Legislative framework for environmental protection

Environmental Law: Provisions in the constitution of India regarding Environment (Article 48A and 58A); Wildlife Protection Act, 1972 amended 1991; Forest Conservation Act, 1980; Air (Prevention and Control of Pollution) Act, 1981; The Water (Prevention and Control of Pollution) Act, 1974 as amended up to 1988; The Environment (Protection) Act, 1986 and Rules 1986; Disaster Management Act, 2005; Noise pollution (regulation and control) Rules, 2000; Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016; The Solid waste management Rules, 2016

PGES CC402: SUSTAINABLE DEVELOPMENT, ENVIRONMENTAL ECONOMICS AND MANAGEMENT

Marks 50

Credit 4

Environmental Economics: Concept of ecological economics; environmental economics and principles; cost-benefit analysis; the economics of environmental quality; Carbon sequestration and carbon credits; Polluter pays principles; trade and environment; externalities; Environmental Kuznets Curve (EKC)

Environmental Management System: concept and scope of Environmental Management; Environmental Management system principles, tools and management strategies; perspectives of environmental management policy in India, ISO Systems; Ecomark; Ecolabelling and auditing, Life Cycle Assessment, Green trade

Sustainable Development: Sustainability indices; Strategies on sustainable development; Concept of Sustainable Agriculture; Sustainable development in practice; Urbanization; Urban resources and environmental problems; carrying capacity analysis; Ecological footprint.

PGES DSE403: ENVIRONMENTAL TOXICOLOGY AND ECOTOXICOLOGY

Marks 50

Credit 4

Toxicology: Principles of toxicology; elements and areas of toxicology; acute and chronic toxicology; dose-response relationship; interaction of toxicants with organ, the statistical concept of LD₅₀ and LC₅₀; chemical and biological factors and their influences, bioassay methods, routes of entry of toxicants

Toxic responses: General toxic responses on the cellular level, nervous system, gastrointestinal tract, liver, kidney; bioaccumulation and biomagnifications

Immunology and immunotoxicity: Properties of immune response; innate and acquired immunity; cells and organs of the immune system; concepts of antigens; the concept of antibodies with special reference to structure, function, classification; major histocompatibility complex; cell-mediated and hormonal immunity

Biochemical aspects potentially toxic elements (PTE): Sources, distribution, mechanism of action, effects and remedial measures of some metals and metalloids

Genetic toxicology: Types, mode of action of carcinogens, mutagens, teratogens

PGES DSE404: ENVIRONMENTAL MICROBIOLOGY AND BIOTECHNOLOGY

Marks 50

Credit 4

General Microbiology: Bacterial morphology: shape, size; Plasmid and chromosome; fungal morphology; Microbes of air, water and soil; Isolation, characterization and microbial growth analysis

Food Microbiology: Contamination and microbial spoilage of fresh food and its preservation; food adulteration; fermented food; food poisoning; bacterial infections and intoxications, viral food borne illness

12/13

Application of Biotechnology Pollution detection and abatement; Biosensor, microbial biosensor, gas-phase biosensor, Nano biosensor, environmental application of biosensor; agriculture application: Bio-fertilizer: types and application in agriculture; bio-pesticides; bio-composting; integrated pest management- concept; GMO and its merits and demerits

PGES P405: General practical

Marks 50

Credit 4

1. Study on strain/ morphology of bacteria Gram staining of bacteria
2. Collection, isolation and population study of microorganisms in air, water and soil
3. Bioassay Measurement (LC_{50}/LD_{50})
4. Study on toxicological lesions *viz.* Histopathological (fish), GIT, Liver, Kidney
5. Identification of pathogens
6. Estimation of Chlorophyll, total sugar content of different crops
7. Estimation of total protein content of plant and animal
8. Biochemical responses: Estimation of Proline, Ascorbic acid and protease activity



Centre for Propagation of Scientific
Knowledge
(CPSK)

(under the aegis of the School of Sciences,
Netaji Subhas Open University)

General Guidelines

2022

[Finalized on 12.09.2022]

Netaji Subhas Open University
DD-26, Sector-I, Salt Lake, Kolkata- 700064
www.wbnsou.ac.in

Centre for Propagation of Scientific Knowledge (CPSK)
(under the aegis of School of Sciences, Netaji Subhas Open University)

About the Centre

The *Centre for Propagation of Scientific Knowledge (for short CPSK)*, under the aegis of the School of Sciences (SoSci), Netaji Subhas Open University (NSOU), is a center to study, accumulate and disseminate the scientific knowledge and understanding to the society connecting all the academic departments of the School of Sciences. The '**Centre for Propagation of Scientific Knowledge**' has been established with prior approval of the Honourable Vice Chancellor of NSOU in terms of Memo No. VC/15/1643 dated 15.07.2022. CPSK shall undertake to disseminate scientific knowledge by stimulating and supporting scientific interactions and communications between the faculties and different interested stakeholders through workshops and seminars, short-term courses, collaborative programs, discipline-specific and multi-disciplinary researches, presentations and publications in different forms. CPSK will function according to the following guidelines under the aegis of SoSci, adhering to the University's general rules laid down from time to time.

1. Vision of the Centre

The vision of CPSK is to engage persons of all fields and irrespective of ages in science. In particular, the Centre envisions to enable students to cultivate and enrich science education, research, innovation, and communication. CPSK will work towards promoting science and technology within the jurisdiction of the University and developing human resource leading to strengthening the scientific capability. Through various programmes and activities, CPSK aspires to contribute to society by training learners, academics, working professionals and other interested persons to widen their knowledge and skills suitable for their careers. The Centre will also promote fundamental and inter-disciplinary research.

2. Objectives/ Mission of the Centre

- i. To popularise and cater information and knowledge in science and technology for the benefit of learners / persons of all fields and irrespective of ages.
- ii. To portray the growth of science and technology and their application in the environment, industry, and human welfare.
- iii. To develop a scientific attitude and temper and to create, instill and sustain a general awareness amongst the people.
- iv. To impart valuable skills that prepare students for careers in various areas, including academia.
- v. To empower the teacher community to effectively apply modern scientific knowledge in their classroom teachings.
- vi. To promote research, innovation and publication in scientific fields.
- vii. To provide infrastructure and learning resources required for quality education and research activities.

4. Committee of the Centre

- a. The Vice-Chancellor : Ex-Officio Chairperson, CPSK
- b. The Director / Officer-in-Charge, SoSci : Ex-Officio Coordinator, CPSK
- c. Finance Officer : Ex-Officio Member, CPSK

The Vice-Chancellor, is authorized to nominate **six (6)** members (out of the eight constituent departments), from amongst the substantive faculty members of SoSci for a period of three - years from the date of nomination in consultation with the Director / Officer-in-Charge, SoSci, , in the following manner:

- i. one of the Members as the Assistant Coordinator of CPSK;
- ii. one of the Members as the Treasurer of CPSK;
- iii. remaining four (4) as the Members of CPSK.

One senior professor of science / scientist of national acclaim shall also be nominated by the Vice-Chancellor as the Expert Member of CPSK.

5. Convening the Meeting

The Centre will hold its Meeting from time to time, preferably twice a year. The Coordinator of CPSK will convene it. The minutes of the meetings and the summary of activities of CPSK shall be reported in the next CIQA and Academic Council meetings of NSOU.

6. Functions of the Centre

- i. The CPSK will organise short-term training courses, certificate and diploma programmes, workshops, seminars, publications etc. The preferable duration of the programmes may be six to twelve months.
- ii. The constituent departments of the SoSci, NSOU, will submit the proposals for organising the programmes. The department, the Centre, or the School may form an Expert Advisory Committee, if required. The faculties of the School of Sciences holding substantive post may also submit such proposal.
- iii. CPSK encourages the departments of the School of Sciences to submit interdisciplinary project proposals to external agencies of various natures to fetch funds and provide project oriented services/outputs.
- iv. All the courses / programmes/ activities, as aforesaid, shall be self-financed in all regards.
- v. The duly constituted Evaluation Committee of CPSK will assess the training / orientation/ certificate/ diploma course.
- vi. CPSK will offer its programmes through online, offline, or blended modes as deemed preferable. Keeping in mind knowledge-based learning, CPSK will make the various training and course materials available through OER repositories.
- vii. To promote scientific research and innovation, the CPSK will publish books (edited volumes), periodicals, and bulletins in print and/or electronic media.
- viii. The CPSK may promote collaborative partnerships with HEIs and private enterprises (PPP model), with due permission of the Vice-Chancellor, NSOU.

7. Financial Functions of the Centre

- i. The CPSK will function as a self-financing and sustaining entity.

- ii. The CPSK will have a bank account with Indian Bank, Salt Lake City Branch. The account will be operated by the coordinator and Assistant coordinator of CPSK as joint signatories.
- iii. All the financial procedures relating to Accounting and Budgetary issues of CPSK shall be guided by the extant Financial Rules of NSOU.
- iv. The account statements of the CPSK will be audited yearly by a duly qualified auditor/ audit firm.
- v. The CPSK may raise donations from various trusts/ societies/ institutions/ individuals to expand its academic fields of study and entitled to raise funds through projects from different Government/ Non-Government/ Industrial sources.
- vi. After successfully completing a course/ programme and paying all the operational costs, the extra funds raised by the course/ programme shall be retained by CPSK and may be utilized within the SoSci, subject to the approval of the Vice-Chancellor, NSOU.
- vii. The remuneration of External Experts shall be included in the budget of the course/ programme proposal submitted by the organising constituent department of SoSci.

8. Electronic Platforms of the CPSK

The CPSK will have its own website to communicate information about its activities. This website may be linked to the official website of NSOU. The CPSK may employ its official social media handles on Facebook, Twitter, and Telegram platforms to increase its reach. The Center may maintain a YouTube channel where course contents, seminar/ workshop lecture videos, etc., may be posted.

9. Govt./Semi-Govt./Autonomous Institution/Private Enterprise Linkage

- i. The CPSK, for its activities and to promote research, may generate funds by applying for Grants from Govt./Semi-Govt./Autonomous Institutions/ other funding agencies. All such applications shall be routed sequentially through the Coordinator and Chairperson of CPSK / competent authority of NSOU.
- ii. The CPSK, subject to approval of the Chairperson, shall, as and when required, may enter into a Strategic partnership and Memorandum of Understanding (MOUs) for collaborative activities with societies, Private Enterprises, and Institutions. In that case, the Coordinator of the CPSK shall be the signatory of contracts or agreements. Terms and Conditions laid down by NSOU shall be followed in all regards for these matters.

10. If by reason of any provision of the aforesaid clauses, any difficulty arises in giving effect to these provisions, of legal or other nature, the Chairperson of CPSK shall refer such difficulty to the Competent Authority / legal expert of the NSOU which / who may make such decision / order or do such thing not inconsistent with the provisions of these Clauses, as appears to it to be necessary or expedient for removing such difficulty. In all the cases, as aforesaid, the decision / order of such competent authority of NSOU as aforesaid shall be final.



NETAJI SUBHAS OPEN UNIVERSITY

SCHOOL OF SCIENCES

H.Q.: DD-26, Salt Lake, Sector-I, Kolkata — 700 064

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Department of Geography, School of Sciences Netaji Subhas Open University

Post Graduate Geography CBCS Syllabus Structure:

Year	Semester	Paper	Subject	Marks	Marks division (Term End + Assignment)	Credit	
1	I	PGGR- CC- 101	Geotectonics & Geomorphology	50	40+10	4	
		PGGR- CC- 102	Soil & Bio Geography	50	40+10	4	
		PGGR- CC- 103	Economic Geography	50	40+10	4	
		PGGR- CC- P104	Geospatial analysis & Thematic Mapping (Practical)	50	50	4	
		PGGR- CC- P105	Instrumental Survey & Map Projection (Practical)	50	50	4	
			5 Papers: 250 Marks		250		20
	II	PGGR- CC- 201	Hydrology & Oceanography	50	40+10	4	
		PGGR- CC- 202	Climatology	50	40+10	4	
		PGGR- CC -203	Social & Cultural Geography	50	40+10	4	
		PGGR- CC -P204	Population & Settlement Geography	50	40+10	4	
		PGGR- CC- P205	Remote Sensing & GIS, GNSS (Practical)	50	50	4	
			5 Papers: 250 Marks		250		20
	Year	Semester		Subject	Marks		Credit
	2	III	PGGR- CC -301	Geographical Thought	50	40+10	4
PGGR- DSE- 302			Environmental Geography/ Hazard and Disaster Management	50	40+10	4	
PGGR- CC- 303			Contemporary Geographical Issues in India	50	40+10	4	
PGGR- CC -P304			Quantitative Techniques (Practical)	50	50	4	
PGGR- CC -P305			Field Report/Field Oriented Dissertation (Practical)	50	50	4	
			5 Papers: 250 Marks		250		20
IV		PGGR- CC -401	Regional Planning & Development	50	40+10	4	
		PGGR- CC -402	Historical & Political Geography	50	40+10	4	
		PGGR- DSE- 403	Special Paper Theory I: [Urban Geography/Geomorphology]	50	40+10	4	
		PGGR- DSE - 404	Special Paper Theory II: [Urban Geography/Geomorphology]	50	40+10	4	
		PGGR- DSE- P405	Special Paper Practical: [Urban Geography/Geomorphology]	50	50	4	
			5 Papers: 250 Marks		250		20
Grand Total			Total Theory Papers: 14 (700 marks) Total Practical Papers: 6 (300 marks)	1000		80	



CBCS Syllabus of Post Graduate Geography (PGGR)

Subject	Syllabus
Semester-I	5 Papers: 250 Marks
PGGR-CC- 101 Geotectonic & Geomorphology	<p>Unit-1: Geotectonics-I 1.1 Modern theories of the origin of the earth 1.2 Isostasy and related theories 1.3 Vulcanicity and related landforms</p> <p>Unit-2: Geotectonics-II 2.1 Sea Floor Spreading, Continental Drift and Paleomagnetism 2.2 Orogeny, Epeirogeny, Geosynclines 2.3 Plate tectonics and mountain building (with spl. ref. to the Himalayas)</p> <p>Unit-3: Geomorphology-I 3.1 Process geomorphology (Fluvial, Glacial, Periglacial, Aeolian, Coastal); Stream flow and Stream Energy 3.2 Theories of landform development: Cyclic and Non-cyclic concept of Davis, Penck, King, Hack 3.3 Principles of Integrated Coastal Management; Channel forms and patterns</p> <p>Unit-4: Geomorphology-II 4.1 Concept of scale, systems, feedback, equilibrium and threshold; Concept of grade, profile of equilibrium and base level of erosion 4.2 Theories of slope evolution: Davis, Penck, King, Wood 4.3 Applied geomorphology; Application of geomorphology in feasibility assessment, Geomorphic approach to hazard studies (landslide, earthquake, river bank erosion, flood)</p>
PGGR-CC- 102 Soil & Bio Geography	<p>Unit-1: Soil Geography-I 1.1 Concept of land and soil; Plant-water-soil relationship; Processes of soil formation; Soil forming factors 1.2 Development of soil profile; concept of pedon and polypedon, Soil catena 1.3 Podzolization, Laterization and Calcification</p> <p>Unit-2: Soil Geography-II 2.1 Soil properties: Physical and chemical; Soil organic matter, Soil Organisms 2.2 Soil Nutrients, Role of physico-chemical properties in soil fertility and productivity. Base Exchange, Colloidal Complex and Soil Minerals 2.3 Degradation of soil –causes, processes and consequences; methods of soil conservation.</p> <p>Unit-3: Plant Geography 3.1 Concepts of ecology, ecosystem, environment and habitat; Environmental Ethics and Deep Ecology; Ecosystem Functions: Trophic Levels, Energy Flows, Cycles (Bio-geo-chemical, carbon, nitrogen and oxygen), Food Chain, Food Web and Ecological Pyramid 3.2 Plant ecology: adaptation of plants and habitat factors; Plant succession and climax vegetation; plant communities; photoperiodism and its effects,</p>



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	<p>germination</p> <p>3.3 Environmental impact of deforestation; forest conservation, participatory management of forest and social forestry</p> <p>Unit-4: Zoo Geography</p> <p>4.1 Theory of evolution of species and its critics; Major biomes of the world</p> <p>4.2 Dispersal and migration of animals; means and barriers; Dispersal of animals in different geological periods</p> <p>4.3 Biodiversity: Controlling factors, depletion and significance, biodiversity hotspots; need for conservation of biodiversity; Endangered species and their extinction, wildlife conservation and management.</p>
<p>PGGR-CC- 103</p> <p>Economic Geography</p>	<p>Unit-1: Concepts in Economic Geography</p> <p>1.1 Scope, Content and Recent trends in Economic Geography</p> <p>1.2 Classification of economies; sectors of economy; classification of world based on economic development; Ranking of world economies; Resource classification: Ackerman's scheme; Classification of Industries</p> <p>1.3 Natural resources: Types, spatial distribution, conservation and management</p> <p>Unit-2: Agricultural Geography</p> <p>2.1 Agriculture: Determinants, types, problems of development with special reference to India; Crop Combination, crop diversification, crop rotation, Jhum cultivation</p> <p>2.2 Agricultural regions: Techniques of delineation; Major agricultural regions of India (ICAR); Crop production and Efficiency; Agri-business</p> <p>2.3 Theories and models of agricultural development (Von Thunen, Weaver)</p> <p>Unit-3: Industrial, Trade and Transport Geography</p> <p>3.1 Industries: Growth and development, Spatial distribution of selected industries (Iron and Steel, Cotton Textile, Petro-Chemical, Engineering) with special reference to India; Industrial regions of India: Theories and models of industrial development (A. Weber, E. M. Hoover, August Losch, A. Pred, D.M. Smith, Isard, Gunnar Myrdal)</p> <p>3.2 Transport: Modes, transport cost, comparative cost advantage, connectivity and accessibility of transport network; transport development models</p> <p>3.3 Market: Typology and network, role of market in the development of trade and commerce.</p> <p>Unit-4: Recent Trends in Economic Geography</p> <p>4.1 Impact of globalization on Indian economy (agriculture, industry, commerce); role of GATT and WTO</p> <p>4.2 Green, white and blue revolution in India: concept, nature, significance</p> <p>4.3 Role of ICT in economic development, e-commerce</p>
<p>PGGR-CC- P104</p> <p>Geospatial analysis & Thematic</p>	<p>Unit-1: Preparation of Thematic maps</p> <p>1.1 Concept of thematic mapping; types of thematic maps; Environmental mapping (hazard and pollution)</p> <p>1.2 Land use map (Chorochromatic method); Choropleth method</p> <p>1.3 Trend surface map (Isopleth method)</p>



<p>Mapping (Practical)</p>	<p>Unit-2: Geospatial analysis 2.1 Hydrograph, unit hydrograph, Rating curve and flood frequency analysis 2.2 Crop combination by Weaver 2.3 Social disparity index: D. Sopher and A. Kundu</p> <p>Unit-3: Topographical Map Interpretation 3.1 Interpretation of Toposheets (Profiles, Transect Chart, morphometric techniques (Relative Relief, Average Slope, Drainage Frequency, Drainage Density, Ruggedness Index, Dissection Index, Vegetation Density, Road Density, Settlement Frequency) 3.2 Stream Ordering; Bifurcation Ratio, Hypsographic Curve and Altimetric Frequency Graph; Drainage basin analysis (Drainage Frequency, Drainage Density, Relative Relief, Ruggedness Index) 3.3 Mapping of Geomorphic features, Channel features, Drainage pattern, Settlement pattern)</p> <p>Unit-4: Aerial photograph, Satellite image Interpretation and Questionnaires 4.1 Interpretation of aerial photograph (Scale determination, Physical and cultural features; Preparation of Maps) 4.2 Interpretation of satellite imagery (Identification of Physical and cultural features; Preparation of Maps) 4.3 Preparation of questionnaire schedule</p> <p>Laboratory Notebook and viva- voce: (10 marks).</p>
<p>PGGR-CC- P105</p> <p>Instrumental Survey & Projection (Practical)</p>	<p>Unit-1: Surveying and Levelling: 1.1 Traverse survey by Prismatic Compass. 1.2 Preparation of contour plan of a small area with the help of Prismatic Compass and Dumpy Level. 1.3 Determination of height of an object (with base accessible/inaccessible) with the help of Transit Theodolite.</p> <p>Unit-2: Map Projection: 2.1 Concept, classification and suitability of map projection 2.2 Principles, theory, construction and properties of following map projections (a) Polar Zenithal Projection (i) Gnomonic Projection (ii) Orthographic Projection (iii) Equal Area Projection (iv) Equidistant Projection (v) Stereographic Projection (b) Cylindrical Orthomorphic (Mercator) Projection (c) Simple conic with two standard parallel (d) Sinusoidal Projection (e) Mollweide Projection</p> <p>Laboratory Notebook and viva- voce: (10 marks).</p>



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Semester-II	5 Papers: 250 Marks
<p>PGGR-CC- 201</p> <p>Hydrology & Oceanography</p>	<p>Unit-1: Hydrology-I</p> <p>1.1 Surface hydrology: delineation, properties and significance of drainage basin as a hydrological unit</p> <p>1.2 Surface and sub-surface water flow; Estimation and measurements of hydrological parameters</p> <p>1.3 Dynamics of ground water: Occurrence and movement, ground water level</p> <p>Unit-2: Hydrology-II</p> <p>2.1 Unit hydrograph and its application; Criteria for river-basin management</p> <p>2.2 Wetland ecosystem of India and West Bengal</p> <p>2.3 Principles of integrated basin management with reference to micro-watershed planning</p> <p>Unit-3: Oceanography-I</p> <p>3.1 Morphology of the oceans: ridges, submarine canyons; Features of major ocean floor</p> <p>3.2 Ocean circulation: Warm and Cold Currents, Waves, Tides and significance</p> <p>3.3 Salinity of ocean water; Temperature of ocean water; TS Diagram and its application</p> <p>Unit-4: Oceanography-II</p> <p>4.1 Coral reefs: Origin, development; Theories of origin, types, coral bleaching</p> <p>4.2 Sea level change: types, causes and implication; Coastal geomorphology – mangroves</p> <p>4.3 Oceanic deposits; Marine resources; EEZ (exclusive economic zone) and CRZ (coastal regulation zone): Delimitation, significance and policy issues</p>
<p>PGGR-CC- 202</p> <p>Climatology</p>	<p>Unit-1: Concepts of Weather and Climates</p> <p>1.1 Climatology and its relation with Meteorology, Concept of macro and micro-climate</p> <p>1.2 Wind Circulation Systems; Atmospheric Stability and Instability</p> <p>1.3 Precipitation: Theories of development; Adiabatic Processes</p> <p>Unit-2: Tropical Climate and Weather Hazards</p> <p>2.1 Climatic hazards; Atmospheric disturbances: Tropical cyclones, extra-tropical cyclones and anticyclones.</p> <p>2.2 Tropical disturbances – Thunderstorm, Tornadoes, Dust storms and Nor'wester; regional distribution and tracks of movement</p> <p>2.3 El Nino and La Nina/ ENSO phenomena – mechanism and impact ; Ozone formation and depletion</p> <p>Unit-3: Recent Climatic Issues and Changes</p> <p>3.1 Global warming: Evidences, causes and consequences</p> <p>3.2 Monsoon: Theories of Origin; Relation with Jet Stream</p> <p>3.3 Climatic changes: Theories, evidences and possible causes, reconstruction of past climates, climatic changes through geological time</p>



	<p>Unit-4: Applied Climatology 4.1 Agro-meteorology, Crop Calendar and applied climatology 4.2 Weather forecasting: Types and Techniques 4.3 Climate and Health; Urban heat island</p>
<p>PGGR-CC- 203 Social & Cultural Geography</p>	<p>Unit-1: Concepts in Social geography 1.1 Nature, scope and development of social Geography 1.2 Concept of social space; Region as a social unit – social change 1.3 Social well-being and deprivation. Indicators of well-being</p> <p>Unit-2: Social Processes, Spatial changes 2.1 Social structure and social processes 2.2 Spatial distribution of social groups in India (Tribe, Caste, Religion and Language) 2.3 Social policy and planning; Social security and social justice</p> <p>Unit-3: Concepts in Cultural geography 3.1 Nature, scope and development of cultural Geography 3.2 Components of culture, cultural process 3.3 Cultural diffusion and acculturation; Cultural expression of Carl Sauer</p> <p>Unit-4: Cultural Society 4.1 Cultural Hearth and Cultural Realm 4.2 Cultural Ecology. Cultural Convergence, Cultural Complexes, Cultural diversity; metropolitan culture and cultural globalization 4.3 Tribal groups; global review with special reference to India</p>
<p>PGGR-CC- 204 Population & Settlement Geography</p>	<p>Unit-1: Concepts in Population Geography 1.1 Determinants and dynamics of population growth: fertility, morbidity, mortality 1.2 Gender discrimination, poverty and famine with special reference to India 1.3 World Population Distribution: measures, patterns and determinants), World Population Growth (prehistoric to modern period); Population problems of Third World</p> <p>Unit-2: Population Dynamics 2.1 Theories of population growth: Malthus, Marx, Neo-Malthus, Sadler, Richardo; Demographic Transition 2.2 Migration: Types, causes, consequences, models (Ravenstein, Lee and Todaro) 2.3 Population policies of developed and developing countries influencing fertility, mortality and migration in selected countries: India, China</p> <p>Unit-3: Rural Settlement 3.1 Evolution of settlements: Models of Hudson and Green, types, patterns, nature and hierarchy 3.2 Spatial distribution and dispersion of rural settlements; Morphology of Rural Settlements; Rural Dwellings: Ground Plan, Architecture, Building</p>



	<p>Material</p> <p>3.3 Rural house forms and types in different environmental conditions with special reference to India</p> <p>Unit-4: Urban Settlement</p> <p>4.1 Hierarchy of urban settlements; Rural-Urban Fringe; Rural-urban continuum; CBD, Neighbourhood</p> <p>4.2 Christaller's Central Place theory, Losch's theory of market centres and Zipf's Rank Size Rule - their applications in India</p> <p>4.3 Metropolis, Megalopolis, Ecumenopolis, Necropolis; New Town; Census classification of Indian towns; Problems of slums</p>
<p>PGGR-CC- P205</p> <p>Remote Sensing & GIS, GNSS (Practical)</p>	<p>Unit-1: Concepts of Remote Sensing and GIS</p> <p>1.1 Principles of Remote Sensing; Basics of Remote Sensing</p> <p>1.2 Electromagnetic Spectrum, Sensors and Platforms, Resolution, Classification of Remote Sensing Satellites</p> <p>1.3 Basic concept of GIS and elements of GIS</p> <p>1.4 Functions and application of RS and GIS</p> <p>Unit-2: Digital Image Processing</p> <p>2.1 Image rectification and Enhancement techniques: methods and application;</p> <p>2.2 Identification of Individual IRS LISS bands from spectral; signature; Preparation of Standard FCC's and Identification of Individual features.</p> <p>2.3 Georeferencing of scanned maps and images</p> <p>2.4 GPS: Concept, principles, signalling, functions, Taking and plotting waypoints</p> <p>Unit-3: Visual Image Interpretation</p> <p>3.1 Comparative assessment of topographical maps, aerial photographs and satellite images in representation of geographical data</p> <p>3.2 Geometry of aerial photographs and satellite photoproducts; Principles of mosaicing.</p> <p>3.3 Preparation of Thematic overlays from aerial photographs.</p> <p>3.4 Preparation of Thematic overlays from satellite images.</p> <p>Unit-4: GIS Data Processing</p> <p>4.1 Basic Concept of raster and Vector data; Generation of Vector layers, buffers and attributes tables from image and/or map data.</p> <p>4.3 Editing attribute tables using demographic and /or land use data.</p> <p>4.4 Preparation of annotated Land Use and Land Cover map</p> <p>4.4 Preparation of Map showing demographic or land use data through choropleth /pie /bar charts.</p> <p>(A project report may be prepared and instructed to submit for evaluation)</p> <p>Laboratory Notebook and viva- voce: (10 marks).</p>



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Semester-III	5 Papers: 250 Marks
<p>PGGR-CC- 301</p> <p>Geographical Thought</p>	<p>Unit-1: Genesis of Geographical Thought</p> <p>1.1 Contributions of Greek, Roman, Arab, Chinese and Indian Scholars, Contributions of Geographers (Varenus, Kant, Humboldt, Ritter, Ratzel; Huntington)</p> <p>1.2 Dualism and Dichotomies in Geography: Physical and Human, Systematic and Regional, Determinism and Possibilism.</p> <p>1.3 Hartshorne-Schaefer debate on regional differentiation and spatial organization</p> <p>Unit-2: Approaches in geography</p> <p>2.1 Nomothetic and Idiographic approaches in geography;</p> <p>2.2 Quantitative Revolution; Man-environment Relationship</p> <p>2.3 System and Ecological approaches in Geography.</p> <p>Unit-3: Changing Trends and Dimensions</p> <p>3.1 Concept of space: Perception of space and time, dimension of space, time-space integration; hybrid geography; mental map</p> <p>3.2 Paradigm Shift of Perspectives in Geography; Recent trends in Geography in methods and contents</p> <p>3.3 Positivism, Radicalism</p> <p>Unit-4: Emergence of Critical Perspectives</p> <p>4.1 Behaviouralism, Humanism, Structuralism</p> <p>4.2 Geography of Inequality and Geography of Gender/Feminism</p> <p>4.3 Modernism and Post-modernism</p>
<p>PGGR-DSE- 302</p> <p>Environmental Geography (Optional)</p>	<p>Unit-1: Concept of Environment</p> <p>1.1 Geographer's approach to environmental studies; Content and recent dimension of environmental studies in Geography; Concept of holistic environment;</p> <p>1.2 Physical Component of Environment: Lithosphere, Hydrosphere, Atmosphere and Biosphere.</p> <p>1.3 Socio-cultural components of Environment: Demographic characteristics, Housing and Sanitation, Health and Nutrition, Levels of Income and Education.</p> <p>Unit-2: Components of Environment</p> <p>2.1 Global resource crisis and sustainable development (Agenda-21); Ecotourism.</p> <p>2.2 Conservation of forest and wetland</p> <p>2.3 Population Equilibrium, Biodiversity, Biotechnology and economics of biodiversity</p> <p>Unit-3: Environmental Issues</p> <p>3.1 Biodiversity: Controlling factors, depletion and significance, biodiversity hotspots; need for conservation of biodiversity in the present global context</p> <p>3.2 Carbon concentration and sequestration: Green technology and green</p>



	<p>development</p> <p>3.3 Ecosystem Management, ecosystem resilience</p> <p>Unit-4: Environmental Management</p> <p>4.1 Kyoto protocol and Montreal Protocol; National Environmental Policies and Sustainable Development Goals</p> <p>4.2 Solid waste management and ecological consequences</p> <p>4.3 Environmental Movements in India; Environmental refugees: Problems related to displacement</p>
<p>PGGR-DSE- 302</p> <p>Hazard and Disaster Management (Optional)</p>	<p>Unit-1: Concept of Hazard</p> <p>1.1 Concept of hazards and disaster</p> <p>1.2 Classification of hazards (natural, quasi-natural and social)</p> <p>1.3 Risk and vulnerability; assessment of risk and vulnerability</p> <p>Unit-2: Nature of Natural Hazard</p> <p>2.1 Tectonic Hazard: Earthquake –causes, impact, mitigation and livelihood adaptation (special reference to Sikkim Himalaya)</p> <p>2.2 Tectonic Hazard: Landslides - causes, impact, mitigation and livelihood adaptation (special reference to Sikkim and Darjeeling Himalaya)</p> <p>2.3 River shifting: Causes, consequences and management strategies with Bengal delta of India</p> <p>Unit-3: Nature of Hydrological & Climatic Hazard</p> <p>3.1 Hydrological Hazard: Flood and drought- impact, mitigation and livelihood adaptation</p> <p>3.2 Climatic Hazard: Cyclone- impact, mitigation and livelihood adaptation</p> <p>3.3 Soil, air, water and noise pollution: Causes, consequences and control measures</p> <p>Unit-4: Socio-economic hazard and Hazard Management</p> <p>4.1 Poverty: Causes, consequences and eradication; Environmental impact of big dams and urban-industrial expansion</p> <p>4.3 Hazard reduction, preparedness and disaster management</p> <p>4.3 Government initiatives for hazards and disaster management; role of international agencies</p>
<p>PGGR-CC- 303</p> <p>Contemporary Geographical Issues in India</p>	<p>Unit-1: Regions and Regionalisation</p> <p>1.1 Bases of regionalisation of India; Physiographic, Drainage and Climatic regions; Features of Indian Monsoon; Interrelation among climate, vegetation and soil; Bio-climatic regions.</p> <p>1.2 Agricultural, Industrial and planning regions. Green revolution: Social and ecological consequences; Agro-Climatic Zones</p> <p>1.3 Evolution of social regions of India; Nuclear regions and Regions of Isolation.</p> <p>Unit-2: Regional Problems and their Mitigation</p> <p>2.1 Regional problems of the Himalayan belt: Availability of Water, sensitivity and Seismic sensitivity and Landslide, Transport network and accessibility, Ethnic conflict with Special Reference to North-East India.</p>



	<p>Unit-4: Urban Internal Structure</p> <p>4.1 Definition of Towns: physical, social, functional; human ecology of cities</p> <p>4.2 Factorial ecology, Neighbourhood concept</p> <p>4.3 Social area analysis</p> <p>4.4 The general nature of the problems of cities; inner city decay – slums</p>
<p>PGGR- DSE-404</p> <p>Special Paper Theory: II [Geomorphology]</p>	<p style="text-align: center;">ADVANCED GEOMORPHOLOGY</p> <p style="text-align: center;">Theory- 2: (Theoretical): Applications and Case Studies</p> <p>Unit-1: Applied geomorphology</p> <p>1.1 Methods and uses of rainwater harvesting and check dams.</p> <p>1.2 Geomorphic consequences of sea level change in coasts and estuaries.</p> <p>1.3 Application of geomorphology in Terrain Evaluation, EIA and EMP.</p> <p>1.4 Principles of Integrated Drainage Basin Management and Integrated Coastal Zone Management with reference to Coastal Regulation Zones.</p> <p>Unit-2: Case studies of landforms and land use</p> <p>2.1 Badlands on laterite, duricrusts: Garhbeta and Santiniketan, West Bengal</p> <p>2.2 Tors and inselbergs: Chhotanagpur plateau, Jharkhand</p> <p>2.3 Alluvial fans: Sub-Himalayan, West Bengal</p> <p>2.4 Deltas and Estuaries : Lower Ganga delta, West Bengal</p> <p>Unit-3: Management of geomorphic problems</p> <p>3.1 Management of mining subsidence with special reference to Raniganj Coal belt.</p> <p>3.2 Management of river discharge with special reference to Damodar Valley Corporation and Farakka Barrage Project.</p> <p>3.3 Management of urban water supply and disposal with special reference to Kolkata.</p> <p>3.4 Management of reclaimed coastal areas with special reference to Indian Sundarban</p> <p>Unit-4: Management of geomorphic hazards</p> <p>4.1 Management of landslides with special reference to northern West Bengal</p> <p>4.2 Management of floods with special reference to northern piedmont areas and Padma-Bhagirathi interfluves of West Bengal.</p> <p>4.3 Management of riverbank erosion with special reference to Ganga and Bhagirathi in West Bengal</p> <p>4.4 Management of coastal erosion with special reference to Digha Township and Sagar island of West Bengal.</p>
<p>PGGR- DSE-404</p> <p>Special Paper Theory: II [Urban Geography]</p>	<p style="text-align: center;">URBAN GEOGRAPHY</p> <p style="text-align: center;">Theory-2: (Theoretical): Applications and Case Studies</p> <p>Unit-1: Urban Planning in India</p> <p>1.1 Need, importance and concept of Urban Planning.</p> <p>1.2 Planned town: concept, New Towns and New Towns of India.</p> <p>1.3 Redevelopment vs. renewal; National Commission on urbanization.</p> <p>1.4 Urban Planning in India: Kolkata, Mumbai and Delhi; Morphology; Metropolitan Planning and Problems</p>



	<p>Unit-2: Urban Policies in India</p> <p>2.1 Census categories of towns; concept of Metropolitan and Mega city. 2.2 Urbanization in India - processes, patterns and correlates. 2.4 Slum and its rehabilitation in India with special reference to Kolkata 2.4 Urban Planning, management; Real estate management; New Urbanisation policies in India</p> <p>Unit-3: Urban Issues and Measures</p> <p>3.2 Urban problems in Mega cities of India 3.2 Urban Transport 3.3 Issues of Urban Environment 3.4 Urban Infrastructure</p> <p>Unit-4: Urban Management</p> <p>4.1 Urban Governance: Evolution of local self-government in India. 4.2 Millennium development goals 4.3 Mega city Programmes; GIS and Information Management. 4.4 Management of urban facilities; Participatory urban management; Governance in peri-urban and fringe areas.</p>
<p>PGGR-DSE-P405</p> <p>Special Paper Practical: [Geomorphology] (Practical)</p>	<p style="text-align: center;">ADVANCED GEOMO RPHOLOGY (PRACTICAL)</p> <p>Unit-1: Analysis of drainage basin morphometry and channel aspect from topographical maps</p> <p>1.1 Computation of stream order (Strahler's method), bifurcation ratio, drain age density and constant of channel maintenance 1.2 Preparation of maps showing relative relief, dissection index and slope (Wentworth's method) 1.3 Computation of river profiles</p> <p>Unit-2: Geomorphic mapping</p> <p>2.1 Preparation of overlays from topographical maps showing geomorphic features 2.2 Extraction of geomorphic features from satellite FCCs 2.3 Extraction of relative height of geomorphic features from aerial photo pairs using parallax bar</p> <p>Unit-3: Velocity, discharge and sediment load analysis</p> <p>3.1 Measurement of wetted perimeter, velocity (by current meter or floats) and discharge. 3.2 Preparation and interpretation of hydrographs, unit hydrographs and rating curves 3.3 Computation of braiding index, sinuosity index, meander wavelength and radius of curvature</p> <p>Unit-4: Preparation of geomorphic maps and analysis</p> <p>4.1 Preparation of geomorphic maps from field data using standard symbols and colours.</p>



	<p>4.2 Collection and analysis of coastal or riverine sediments using ϕ-graded sieves and chemical / electronic balance.</p> <p>4.3 Analysis of fluvial or coastal pebbles for shape and constituents.</p> <p>Laboratory Notebook and Viva-voce</p>
<p>PGGR-DSE-P405</p> <p>Practical: [Urban Geography] (Practical)</p>	<p style="text-align: center;">URBAN GEOGRAPHY (PRACTICAL)</p> <p>Unit-1: Selected Statistical Techniques: 1.1 Regression Analysis; product moment and rank correlation 1.2 Time Series Analysis 1.3 Rank and Size distribution of towns; Size-Class variations</p> <p>Unit-2: Mapping of Spatial distribution: 2.1 Residual Mapping. 2.2 Rural-urban growth differentials; Intensity index 2.3 Graphical presentation of urban density; urban land use and changes.</p> <p>Unit-3: Mapping of urban Transport Network: 3.1 Connectivity (Measures by alpha, beta, gamma index; Direct Connectivity) 3.2 Accessibility (Shimbel Index, De-Tour Index) 3.3 Grouping of Transport Nodes</p> <p>Unit-4: Mapping of urban infrastructure: 4.1 Lorenz Curve and Gini-Coefficient 4.2 Infrastructure and development (Kendall's method) 4.3 Gravity models</p> <p>Laboratory Note book and Viva-voce.</p>
Grand Total	<p>Total Theory Papers: 14 (700 marks) Total Practical Papers: 6 (300 marks) 1000 Marks: 80 Credit</p>

Note:

Each 50 marks of paper (4 credits) of PGGR CBCS syllabus should be treated as individual and separate papers for examination. The learners have to obtain pass marks in each paper of 50 marks.

Semester wise Syllabus Summary:

Paper	Semester I	Semester II	Semester III	Semester IV	Total
Theoretical	3 (150)	4 (200)	3 (150)	4 (200)	700
Practical	2 (100)	1 (50)	2 (100)	1 (50)	300
Total	5 (250)	5 (250)	5 (250)	5 (250)	1000
Grand Total:			1000 Marks		



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SCHOOL OF EDUCATION

CF-162, Sector I, Bidhan Nagar, Kolkata 700 064
Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo No. SoE/ 360 /2022

Dated: 11/10/2022

Note Sheet


M Ed Spl. Ed. (ID) - ODL programme was started in School of Education, NSOU from the session 2021 -2022 after obtaining proper approval from RCI and UGC-DEB. Initially the approval was given for one year. Hence, this year we again applied to RCI for its No Objection Certificate and we duly received NOC from RCI. Then we applied to UGC-DEB for its approval, but our appeal was rejected due to following reason:

1. Inadequate faculty as per provisions of the Regulations for the proposed programme.
2. Further, the appointment letters of the faculties are only for three months period."

Our observations

1. Out of five faculties required for running two programmes – B. Ed. Spl. Ed. and M. Ed. Spl. Ed. - we have two permanent Asst. Professors and the rest three are superannuated contractual faculties appointed for three months period and renewed every three months on their satisfactory service.
2. Moreover the Director of School of Education is also superannuated and his appointment is also renewed every three months.
3. Hence, at present the appointments of the Director of SoE and the superannuated faculties need to be extended for at least one year.
4. Then we may proceed for further application to RCI and UGC-DEB for granting approval of M. Ed. Spl. Ed. – ODL in the month January, 2023.

Placed before the Hon'ble Vice Chancellor for his perusal and consideration.


11.10.22

Prof. D. P. Nag Chowdhury
HoD, SoE, NSOU


11/10/22

Dr. A. N. Dey
Director, SoE, NSOU



सत्यमेव जयते

भारतीय पुनर्वास परिषद्

सामाजिक न्याय और अधिकारिता मंत्रालय के अधीन एक सांविधिक निकाय
दिव्यांगजन सशक्तिकरण विभाग, भारत सरकार

REHABILITATION COUNCIL OF INDIA

A Statutory Body of Ministry of Social Justice and Empowerment
Department of Empowerment of Persons with Disabilities (Divyangjan), Government of India



भारतीय पुनर्वास परिषद्

File No. 10-23/M.Ed.Spl.Ed.-ODL/2018/RCI 8358

Dt. 31 July, 2019

To,

✓ Prof. Subha Sankar Sarkar
Vice- Chancellor
Netaji Subhas Open University,
C.F-162, Sector-I, Salt Lake City, Kolkata-700064

Sub: No objection Certificate to conduct M.Ed. Spl.Ed. (Hearing Impairment & Intellectual Disability)-
Open & Distance Learning (ODL) Mode Course at NSOU, Kolkata-reg.

Sir,

Please refer to your proposal no. SOE/281/2018 dt. 26th June, 2018 on the subject cited above and to inform you that based on the recommendations of the Screening Committee, the Council has considered the request of NSOU, Kolkata to grant permission to start M.Ed. Spl.Ed.-ODL Course at the University Department only as per the following details :

Course	Duration of the course	Academic Session	Intake capacity per batch
M.Ed. Spl.Ed.(Hearing Impairment)-ODL	Two & half years (2 ½ years) (05 Semesters)	2019-20 &	30 Max.
M.Ed. Spl.Ed.(Intellectual Disability)-ODL	Two & half years (2 ½ years) (05 Semesters)	2020-21	30 Max.

- As per the MoU with NSOU, admission as well as examination of above said courses shall be conducted by the University in accordance with the ordinances issued by NSOU. However, the Council reserves right to monitor the standard and norms of the training courses and depute a team of experts during the period of contact classes and examinations at the University.
- The NSOU, Kolkata will be responsible for admission procedures, enrolment of the eligible candidates, commencement of academic session, period of the contact classes, schedule of examination, award of Degree etc. under intimation to the Council from time to time.
- In case of violation of the RCI norms in respect of said courses, the Council may take appropriate action and may discontinue the course at the University at any time.
- NSOU, Kolkata is advised to submit the following documents to the Council, prior to commencement of the course: -
 - Copy of UGC-DEB approval to start M.Ed.Spl.Ed.-ODL (Hearing Impairment & Intellectual Disability) Course.
 - List of course wise faculty appointed for B.Ed. Spl.Ed.-ODL & M.Ed. Spl.Ed.-ODL Course as per the prescribed norms.
 - One set of Self Learning Material developed by NSOU in respect of M.Ed. Spl.Ed.-ODL (Intellectual Disability & Hearing Impairment) course for approval of the Council .
- Approval fee of Rs. 72,000/- (i.e. Rs. 36,000 per course) may please be remitted to the Council in the form of demand draft favouring Rehabilitation Council of India Projects payable at New Delhi.

(Dr. Subodh Kumar)
Member Secretary

Copy to : The Secretary, Distance Education Bureau, University Grants Commission, , 35- Feroze Shah Road, New Delhi -110001 for information and necessary action, please.





सत्यमेव जयते

भारतीय पुनर्वास परिषद्
सामाजिक न्याय और अधिकारिता मंत्रालय का एक सांविधिक निकाय
दिव्यांगजन सशक्तिकरण विभाग
भारत सरकार



भारतीय पुनर्वास परिषद्

REHABILITATION COUNCIL OF INDIA
A Statutory Body of Ministry of Social Justice and Empowerment
Department of Empowerment of Persons with Disabilities (Divyangjan)
Government of India

File No. 10-11/ NSOU/2007/RCI

Dated 19 July, 2022

To

Prof. S. S. Sarkar,
Vice-Chancellor
Netaji Subash Open University,
DD-26, Salt Lake, Sector-1
Kolkata- 700064, West Bengal

Sub: Extension of No objection Certificate to conduct M.Ed. Spl. Ed (Intellectual Disability) Open and Distance Learning (ODL) Mode Course at NSOU, Kolkata-reg.

Sir,

Please refer to your letter no. VC/15/969 dated 22nd April, 2022 on the subject cited above and to inform you that your request with regard to extension of No Objection Certificate (NOC) to conduct M.Ed. Spl. Ed (Intellectual Disability) Open and Distance Learning (ODL) Mode Course at NSOU, Kolkata for the current academic session 2022-23 has been examined by the Council. Accordingly, No Objection Certificate (NOC) issued by the Council vide its letter no. 10-23/M.Ed. Spl.Ed.-ODL/2018/RCI/8358 dated 31st July, 2019 (copy enclosed) is hereby extended for the current academic session 2022-23 only for M.Ed. Spl. Ed (Intellectual Disability) in place of 2020-21. The other terms and conditions as mentioned in the aforesaid NOC remain unchanged.

Yours faithfully,

(Vineet Singhal)
Member Secretary

Encl: As stated above.

<https://deb.ugc.ac.in>

UNIVERSITY GRANTS COMMISSION
DISTANCE EDUCATION BUREAU
35-FEROZE SHAH ROAD
NEW DELHI-110 001



Speed Post

F.No. 9-2 (ODL)/2021 (DEB-III)

The Registrar,
Netaji Subhas Open University,
West Bengal,
DD-26, Sector-I,
Salt Lake City
Kolkata-700064

January, 2022

19 JAN 2022

Sub: Commission Order on the application, submitted online by the Higher Educational Institution for recognition of the programmes to be offered in Open and Distance Learning (ODL) from 2021-22, academic session beginning November, 2021 (revised from July, 2021) and onwards - regarding

Sir/Madam,

In exercise of the powers conferred by sub-sections (1) and (2) of section 26 read with clause (j) of section 12 of the University Grants Commission Act, 1956 (3 of 1956), the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 has been notified in the Gazette of India on dated 28th September, 2020.

2. The eligibility criteria for Higher Educational Institution is enumerated under Regulation 3 of Part II of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020. The Regulation 4 and 5 describes the process of applications for the Open and Distance Learning and Online Programmes and the approval process whereas Regulations 6 describe provisions of right to appeal by the Higher Educational Institutions aggrieved with the order of the Commission and Regulations 7 describe the process of withdrawal of Recognition.
3. The University Grants Commission has notified the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) (Amendment) Regulations, 2021, in the Gazette of India on 1st July, 2021. In accordance with these Regulations, the Commission had invited online applications from the eligible Higher Educational Institutions for offering Open and Distance Learning and Online Programmes from 2021-22, the academic session beginning November, 2021 (revised from July, 2021) and onwards vide public notice F. No. 1-23/2021 (DEB-I) dated 14th July, 2021, mentioning therein that the online portal for submitting applications shall be open upto 31.07.2021. The last date for submitting duly certified hard copies was 10.08.2021. The Netaji Subhas Open University, Kolkata, West Bengal had submitted its application for recognition of the Open and Distance Learning Programmes.
4. Application received from the Netaji Subhas Open University, Kolkata, West Bengal had been scrutinized and deficiency(s) or defect(s) in application were communicated to HEI as per the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 and its amendment to remove or rectify such deficiency(s) or defect(s) with relevant documentary evidence.

5. The Netaji Subhas Open University, Kolkata, West Bengal was invited for a Virtual Interface Meeting with the Expert Committee duly constituted by the Chairman of the Commission, held on 13/ 10/ 2021 in the UGC office, 35 Feroze Shah Road, New Delhi - 110 001.
6. The Interface Expert Committee, based on the submitted application, compliance to deficiency(ies) or defect(s) communicated earlier, the presentation made by the Higher Educational Institution in the Interface Meeting and as per the provisions of University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 and its amendment made recommendations for the consideration of the Competent Authority/ Commission.
7. Based on the recommendations of Interface Expert Committee and its approval by Competent Authority/Commission, I am directed to issue this Order, thereby communicating the programme wise recognition for the programmes to be offered in **Open and Distance Learning mode** from academic year 2021-22, academic session beginning November, 2021(revised from July, 2021) by the Netaji Subhas Open University, Kolkata, West Bengal as detailed in point no. 8 below.
8. Programme wise recognition status

(i) Open and Distance Learning Programmes Recognized

S. No.	Name of the ODL Programmes	Intake	Period of Recognition
1	M.Ed. Spl. Ed. (Intellectual Disability)	30 max Intake capacity per batch as approved by the RCI	2021-22, academic session beginning November, 2021(revised from July, 2021) to January, 2022 only)

Note: - 1. The assessment sheet duly approved by Competent Authority has already been communicated to the Higher Educational Institution through UGC-DEB portal on 18/11/2021.
 2. Based on Regulatory Authority (RCI) recommendation/approval; 30 max intake capacity per batch and period of Approval is 2021-22 only; as per RCI letters no.10-23/M.Ed.Spl.Ed.-ODL/2018/RCI3358 dated 31 July, 2019 and P. No. 10-11/NSOU/2007/RCI dated 7.10.2021.

(ii) Open and Distance Learning Programmes Not Recognized:-

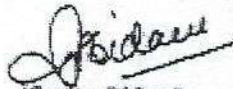
S. No.	Name of the ODL Programmes	Reason(s) for refusal
	Nil	

9. For the programmes recognized in 8(i) above, the Higher Educational Institution shall comply with all the provisions of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 while offering the programmes in Open and Distance Learning mode. Some specific provisions for compliance have been mentioned in **Annexure-1**
10. For the programmes not recognized as per 8(ii) above, as applicable, the Higher Educational Institution may prefer an appeal to the Commission within a period of 30 days from the date of uploading of Interface Meeting assessment Sheet 18.11.2021 on UGC, DEB portal as per the provision at sub-regulation (1) of Regulations 6 of Part-II of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020.
11. As stipulated under Sub-Regulation 7 of Regulations 5 of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020:

"No Higher Educational Institution shall offer any Open and Distance Learning Programme and/or Online Programme and admit learners thereto unless it has been granted recognition by the Commission and admission shall not be made in anticipation of the recognition".

Specific Provisions for Compliance

- 1) The Higher Educational Institution shall comply to all the terms and conditions mentioned in the Affidavit 07.10.2021 duly notarized and signed by Sh. Kishore Sengupta Registrar submitted to the Commission vide letter dated 11.10.2021.
- 2) Intake capacity under Open and Distance Learning mode for a programme under science discipline
 - For Dual Mode University: Intake shall not be more than three times of the approved intake in conventional mode.
 - For Open University: Learning enrolment will commensurate with the capacity of the Learner Support Centres to provide lab facilities to the admitted learners.
- 3) The Higher Educational Institution shall scrupulously abide by all the terms and conditions of faculty and staff requirements for offering ODL/ Online programmes as mentioned in University Grants Commission Open and Distance Learning Programmes and Online Programmes) Regulations, 2020.
- 4) The total deployment of work force and other support at study or Learner Support Centres in Open and Distance Learning mode shall be as mentioned in Regulations.
- 5) Higher Educational Institution shall conduct proctored examination as under:
 - For ODL Programmes: Examination through pen-paper or online or computer based testing within Territorial Jurisdiction, in the examination centre as condition laid down in Regulations.
 - For Online Programmer: Examinations either using technology enabled online test with all the security arrangements ensuring transparency and credibility of the examinations, or through the Proctored Examination and in conformity with any other norms for such examination as may be laid down by the Commission
- 6) Higher Educational Institution offering programmes in Open and Distance Learning mode shall ensure that a Learner Support Centre is established as per Regulations and it also fulfill following conditions as under:
 - Learner Support Centre defined under these regulations shall not be the Learner Support Centre for more than two Higher Educational Institutions at a time to offer programmes in ODL mode.
 - Private University established under the State Act shall be eligible to offer programmes under Open and Distance Learning mode through its Head Quarters; not through any Learner Support Centre.
 - Learner Support Centre will not be set up under a franchisee agreement in any case
- 7) Higher Educational Institution offering programme in ODL mode and Online mode shall prepare Self Learning Material as per Annexure-VI and Annexure-VII taking into consideration of the following:
 - At least 60 percent of Self Learning Materials shall be developed by the in-house faculty of the HEI
 - Remaining percent of the materials can be sourced from available resources such as other HEIs, Open Educational Resources (OER) and SWAYAM.
- 8) Higher Educational Institution shall adhere to the weightage for different components of assessments for Open and Distance Learning mode and Online mode as under:
 - Continuous or formative assessment (in semester): Maximum 30 per cent.
 - Summative assessment (end semester examination or term end examination): Minimum 70 per cent.
- 9) Based on the Regulatory Authority recommendations/approval, the maximum intake and other condition will be as per the Regulatory Authority recommendation/approval


 (Smita Bidani)
 Education Officer

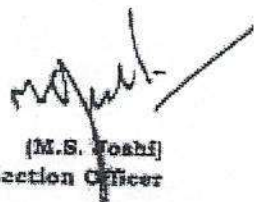
12. In the event of any Higher Educational Institution found offering programmes in Open and Distance Learning mode and/or Online mode without recognition of the Commission or in violation to any of the provisions of these regulations and guidelines or orders made there under, the Commission may take actions as per Regulations 7 of Part -II of University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020.

Yours faithfully,

(Smita Bidani)
Education Officer

Copy to:

1. The Secretary, Higher Education, Govt of West Bengal, "NABANNA" HRBC Building, 325, Sarat Chatterjee Road, Howrah- 711 105, West Bengal with a request to ensure that HEI adheres to all the provisions of the UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020.
2. The Joint Secretary (Open & Distance/Online Learning), Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi - 110 001.
3. The Member Secretary, RCI, National Board of Examination in Rehabilitation (NBER), Rehabilitation Council of India, B-22, Qutab Institutional Area, New Delhi-110016
4. The Vice Chancellor, Netaji Subhas Open University, West Bengal, DD-26, Sector-I, Salt Lake City, Kolkata-700064.
5. The Joint Secretary, State University Bureau, UGC, Bahadur Shah Zafar Marg, New Delhi -110 002
6. Guard file.


(M.S. Joshi)
Section Officer



NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with 'Grade-A'

SCHOOL OF EDUCATION

C. F.-162, Salt Lake City, Sector – 1, Kolkata-700064

Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo. No: SoE/ 180/2022

Date: 10/06/2022

MINUTES OF THE DRC-EDUCATION MEETING

The meeting of the DRC-Education as scheduled was held on 10th June 2022 during 12 noon to 1:15 p.m. through blended mode.

Offline Venue: Conference Hall, SoE, Salt Lake campus

Online platform: meet.google.com/sgq-sfik-inr

Members present:

1. Dr. A. N. Dey, Director, SoE, NSOU-Present physically
2. Dr. Abhijit Guha, RKM Shikshana Mandira, Belur-Present online
3. Prof. Sanat Kumar Ghosh, SoE, NSOU- Present online
4. Dr. Papiya Upadhyay, SoE, NSOU-Present physically
5. Dr. Parimal Sarkar, SoE, NSOU- Present online
6. Prof. Debi Prosad Nag Chowdhury- Present online

Dr. A N Dey, Director, SoE & Chairman, DRC presided over the meeting. Dr. Dey welcomed all the Members of DRC and initiated the discussion.

As entrusted by the President of the meeting, Dr. Papiya Upadhyay, Programme Coordinator, PHDED, SoE, NSOU elucidated the background of the meeting. The agenda of the meeting were:

1. Confirmation of the proceedings of the previous meeting
2. To report the registration of the 04 Ph.D. scholars
3. Ph.D. admission modalities for 2022-23 session
4. Miscellaneous

The meeting progressed with agenda wise-discussion and resolutions. The proceedings of the meeting are charted below:

1. Confirmation of the proceedings of the previous meeting

The minutes of the previous meeting held on 9th Feb 2022 was read out and assented by all.

2. To report the registration of the 04 Ph.D. scholars

Registration to the Ph.D in Education of 04 Ph.D scholars (2020-2021 session) was reported to the house. The members congratulated.

3. Ph.D. admission modalities for 2021-22 session

Dr. P. Upadhyay presented the following matters which were endorsed by the house:

1. It was informed that 30 Applications were received from Registrar Department, NSOU to initiate and finalise the admission process of Ph.D. for 2021-2022 session
2. Two separate score sheets were prepared for the applicants as per vacancy criteria (25 General applicants and 05 OBC-A applicants). Few applicants are from SC and OBC-B category. As per vacancy rules, they are listed under General category. (Copy of Score Sheets enclosed)
3. The Interview/Viva-Voce (NSOURET) will be held physically on 23rd June, 11A.M-5 P.M at SoE Conference Hall, Salt Lake campus.
4. All DRC members reciprocated with assurance to remain present for the NSOURET
5. The intimation letter to appear for the NSOURET will be sent to all applicants by 16th June 2022 with detailed information to attend the same
6. The last date for submission of Research Proposal (MS-Word doc through email at soe.nsou.phd@gmail.com) by the applicants will be 20th June 2022.
7. Submission of Research Proposal is mandatory to appear before the NSOURET

4. Miscellaneous

It was affirmed by all members that the registered 04 Ph.D. scholars under SoE will be intimated to appear and present their progress of work before DRC on 3rd week of August 2022. The exact day and time will be notified to them later.

The meeting ended with exchanging thanks to and from the Chair.

Pu 10/06/2022

Dr. P. Upadhyay
Asst. Prof, SoE, NSOU &
Programme Coordinator, PHDED

SD/ Prof. S. K Ghosh
Convener, DRC, SoE, NSOU

A. N. Dey 10/6/2022
Dr. A. N Dey
Chairman, DRC &
Director, SoE, NSOU

Submitted to Hon'ble V.C NSOU for information.

V.C NSOU

Approved the meeting minutes as discussed with the Registrar (SoE), on 10/6/2022.

Dr. P. Upadhyay

13/6/2022



NETAJI SUBHAS OPEN UNIVERSITY

DD-26, Sector-I, Salt Lake City, Kolkata-700064

Email: nsou@wbnsou.ac.in; Ph: (033)4066-3220

Website: www.wbnsou.ac.in

Memo No.: Reg/1235/1

Date: 23.05.2022

To
The Director
School of Education
Netaji Subhas Open University

Sub: Forwarding Application Forms for Admission to Ph.D., JAN-2022 (Academic Year 2021-22).

Sir,

This is to inform you, as directed, that the Department of Registrar had conducted the process of online-Ph.D. application collection from 19.04.2022 to 07.05.2022 vide memo no.: Reg/1409 dated 18.04.2022 for 1 discipline of School of Education.

It was followed up by submission application form along with documents from 11.05.2022 to 12.05.2022. Altogether, 30 number of applications for 1 discipline have been received and are being forwarded for kind necessary action at your end.

Numbers of application forms received along with those of pending applications (*due to non-receipt of required relevant documents*) are given below:

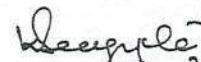
Sl. No.	Discipline (Code)	Online Applied	Application Forms Verified	Application Forms with Pending Documents
1.	Education (PHDED)	33	30	5
	Total	33		30

Accordingly, application forms along with all documents as received by the Registrar Department are being forwarded (*vide file details as given below*):

Sl. No.	Discipline (Code)	No. of File	File No.	Application Form Sl. No.
1.	Education (PHDED)	2	PHDED-AF-2021-22-01	From 1 to 15
			PHDED-AF-2021-22-02	From 16 to 30

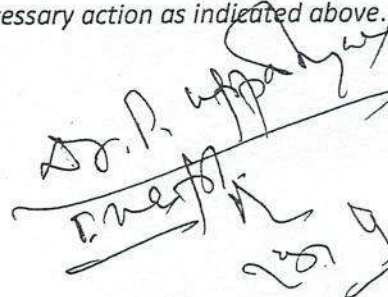
After completion of selection through NSOURET (viva-voce/ interview) at your end, the list of selected candidates (*discipline and category wise*) and all application forms (*along with supporting documents*) may please be forwarded to Registrar Department by 27.06.2022 so that subsequent processes of admission may be initiated. For requisite financial involvement, in this regard (*e.g. arranging DRC meetings, interview of candidates*) the Finance Officer, NSOU may please be contacted.

Encl. : 2 files as stated above; list of applicants.


Registrar, NSOU 23.05.2022

CC to:

1. Finance Officer, NSOU with the request to take necessary action as indicated above.
2. Deputy Registrar (Academic)
3. ES to VC


Dr. R. S. Ghosh
20/5/22



NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with Grade 'A'

SCHOOL OF EDUCATION

CF- 162, Sector-I, Salt lake, Kolkata- 700 064

Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in



Report of the Workshop

Topic: Curriculum Transaction of B.Ed., Spl. Education ODL

Background:

On the basis of recommendation of the BOS held on 6th July, 2022, 1st workshop on Curriculum Transaction of B.Ed., Spl. Education ODL was held on 22nd July, 22.

Members Present:

1. Dr. A. N. Dey , Director, SoE, NSOU Online
2. Prof. Debi Prasad Nag Choudhury , HoD,
3. Prof. Dulal Mukhopadhyaya, Former Prof. SoE, NSOU
4. Prof. Mallika Banerjee , Former Prof, Calcutta University
5. Prof. Bishnupada Nanda, Prof. Jadavpur University
6. Prof. S. P. Dey , Prof SoE, NSOU
7. Mr. Nageswar Raw , Asst. Director, AYJNISHD, Kolkata
8. Mr. Suman Kumar , Lecturer , AYJNISHD, Kolkata
9. Dr. Sanjay Jaydav , Asst Prof and Coordinator , Center for Disability Studies , Rabindra Bharati University
10. Mr. Gourisankar Bera , asst. Prof. Narendrapur Blind Boyes Academy
11. Mr. Parimal Bera , Lecturer , NIEPID Kolkata
12. Mrs. Rituparna Sarkar , Asst. Prof. Pradip Center for Autism Management
13. Mrs. Antara Choudhury , Asst. Prof., SoE, NSOU - Online
14. Mr. Prabir Naskar , asst. Prof , SoE, NSOU
15. Dr. abhedananda Panigrahi , coordinator, B.Ed., SoE, NSOU
16. Ms. Swapna Deb , Consultant , SoE, NSOU
17. Mrs. Mandira Chakraborty , Asst. Prof. SoE, NSOU

18. Mrs. Baby Dutta Choudhury , Asst. Prof., SoE, NSOU

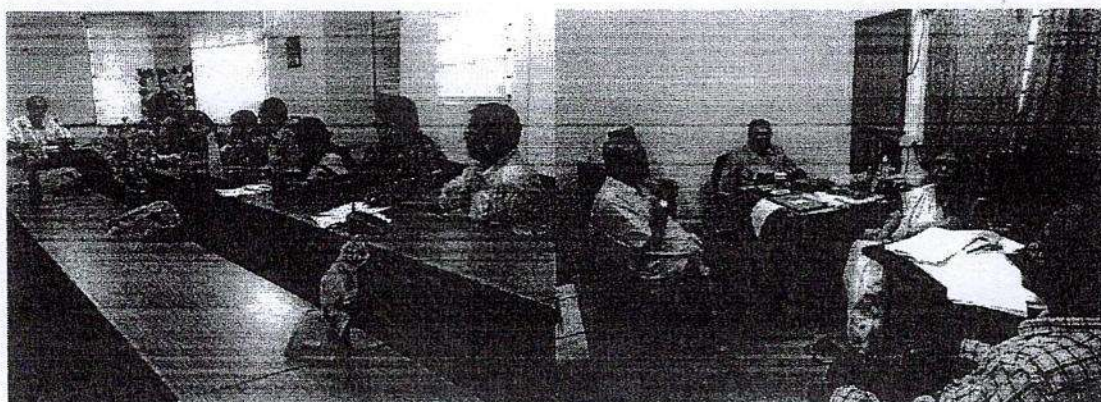
Proceedings of the workshop

At the very beginning Prof D.P. Nag Choudhury inaugurated the workshop and discussed about objective of the workshop after that Director School of Education, Dr. A.N. Dey addressed to the experts.

Dr. Panigrahi, Coordinator, B,Ed. discussed in detail about the guidelines of the RCI. And it was decided that only practicum of 1st semester and 5th semester would be discussed in this workshop.

Prof. Dulal Mukhopadhyay discussed in detail the outline of 5th semester.

Accordingly the experts present from different disability areas were divided into the following three group and they were requested to prepare guidelines of the practicum to be followed in the 1st and 5th semester.



Group-1: ID (Intellectual Disability)

1. Prof. Debi Prasad Nag Choudhury , HoD,
2. Prof. S. P. Dey , Prof SoE, NSOU
3. Prof. Mallika Banerjee , Former Prof, Calcutta University
4. Mr. Parimal Bera , Lecturer , NIEPID Kolkata
5. Mrs. Rituparna Sarkar , Asst. Prof. Pradip Center for Autism Management
6. Mrs. Mandira Chakraborty , Asst. Prof. SoE, NSOU
7. Dr. Abhedananda Panigrahi , coordinator, B.Ed., SoE, NSOU
8. Mrs. Antara Choudhury , Asst. Prof., SoE, NSOU Online

Group-2 HI (Hearing Impairment)

1. Mr. Nageswar Rao , Asst. Director, AYJNISHD, Kolkata
2. Mr. Suman Kumar , Lecturer , AYJNISHD, Kolkata
3. Dr. Sanjay Jaydav , Asst Prof and Coordinator , Center for Disability Studies , Rabindra Bharati University
4. Ms. Swapna Deb , Consultant , SoE, NSOU
5. Mr. Prabir Naskar , asst. Prof , SoE, NSOU

Group-3 VI (Visual Impairment)

1. Prof. Dulal Mukhopadhyay, Former Prof. SoE, NSOU

2. Prof. Bishnupada Nanda, Prof. Jadavpur University
3. Mr. Gourisankar Bera , Asst. Prof. Narendrapur Blind Boys' Academy
4. Mrs. Baby Dutta Choudhury , Asst. Prof., SoE, NSOU

After preparation of the guidelines, the group presented their recommendations on the basis of the inputs and then they submitted their reports to the Coordinator, B.Ed.

Finally it was discussed in the house that the next workshop (Phase-) will be held on 5th August, 22 for 2nd, 3rd and 4th Semester.

After completion of all semester the University will submit the total structure of the practicum to Rehabilitation Council of India for perusal and approval.

The workshop clinched with a vote of thanks. It was proposed by Ms. Swapna Deb, Consultant, Spl Ed, SoE, NSOU.

Report prepared by
Dr. A. Panigrahi & Dr. P. Upadhyay



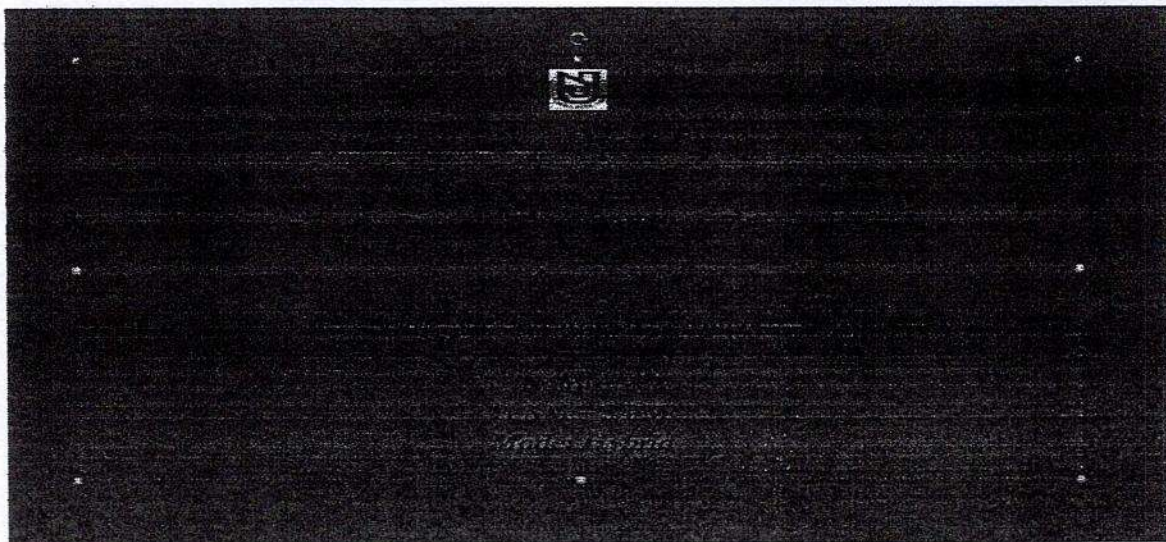
NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with Grade 'A'

SCHOOL OF EDUCATION

CF- 162, Sector- I, Salt lake, Kolkata- 700 064

Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in



Report of the Workshop

Background:

As resolved unanimously in the first workshop held on 22/07/2022, the second workshop was organized to work out the transactional modalities of the remaining semesters with the experts from various fields of disabilities.

Members Present:

1. Dr. A. N Dey, Director, SoE, NSOU
2. Dr. D. P. Nag Chowdhury, HoD, SoE, NSOU
3. Prof. Dulal Mukhopadhyay, former Professor, SoE, NSOU
4. Dr. Mallika Banerjee, Dean, Techno India university
5. SRI Gauri Sankar Bera, Narendrapur Blind Boys Academy
6. Smt. Rituparna Sarkar, Asst. Prof., PRADIP Centre for Autism Management
7. Sri Parimal Bera, Lecturer, NIEPID
8. B. Nageswar Rao, Asst. Director, AYJNISHD
9. Prof. Bishnupada Nanda, Deptt. Od Education, Jadavpur University
10. Dr. Sanjay Yadav, Asst. Prof., and Coordinator, Centre for disabilities Studies, R.B.U.
11. SMT. Baby Datta Chaudhury, Asst. Prof., SoE
12. Smt. Mandira Chakraborty, Asst. Prof., SoE
13. Ms. Swapna Dev, Consultant, SoE, Nsou
14. Dr. Abhedananda Panigrahi, Coordinator, B. Ed. Spl. Ed., SoE
15. Smt. Antara Choudhury, Asst. Prof., SoE, NSOU
16. Sri Prabir Naskar, Asst. Prof., SoE, NSOU

Proceedings of the Workshop:

Dr. A. N. Dey, Director, SoE, NSOU initiated the workshop through welcoming the External Experts and external members of BOS. He highlighted the background of the workshop and

conveyed his cordial thanks to the members for their contribution in the 1st workshop held on the 22nd July 2022. He requested the members to complete the structure of the transaction of Practical part of B. Ed. Spl. Ed. curriculum including the school Placement of the trainee (without having D. El. Ed. degree) at the 5th semesters. Dr. Dey requested **Dr. Abhedananda Panigrahi**, Coordinator, B. Ed. Spl. Ed. to conduct the workshop.

Dr. Panigrahi briefed on the planning of the workshop and requested **Mrs. Antara Choudhury**, Asstt. Prof, SoE, to make a presentation of the curriculum transaction of the practical part of 1st and 5th semesters as prepared in the first workshop. Mrs. Choudhury presented it and after thorough discussion some addition and alterations were made and it was unanimously affirmed and finalized.

Mrs. Antara Choudhury then presented the proposed practical curriculum for 2nd, 3rd and 4th semesters and after exhaustive deliberation by the members it was accepted.

After lunch break **Mrs. Antara Choudhury** presented the Practical Curriculum for all the semester including the School Placement for the 5th semester and by making slight changes in the entire Practical Curriculum for 1st to 5th semesters of B. Ed. Spl. Ed. (IDD/VI/II) ODL was adopted.

Further resolved that if anything seems to be incorporated in the modalities of practical curriculum transaction, the Director, SoE is empowered to do it in consultation with the Coordinator, B. Rd. and faculty members.

The workshop was concluded with proposing vote of thanks by Ms. Swapna Deb, Consultant, Spl Ed, SoE, NSOU.

Report prepared by
Dr. A. Panigrahi & Dr. P. Upadhyay


NETAJI SUBHAS OPEN UNIVERSITY
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SCHOOL OF EDUCATION

CF- 162, Sector- I, Salt lake, Kolkata- 700 064

 Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

MEMONO. SOE/329/2022

Dated: 12. 09. 2022

Proceedings of the 2nd Workshop on B.Ed. Spl. Ed. Practical Curriculum transaction
held at the conference hall, NSOU on 05.08.2022

Members Present

1. Dr. A. N Dey, Director, SoE, NSOU
2. Dr. D. P. Nag Chowdhury, HoD, SoE, NSOU
3. Prof. Dulal Mukhopadhyay, former Professor, SoE, NSOU
4. Dr. Mallika Banerjee, Dean, Techno India university
5. Sri Gauri Sankar Bera, Narendrapur Blind Boys Academy
6. Smt. Rituparna Sarkar, Asst. Prof., PRADIP Centre for Autism Management
7. Sri. Parimal Bera, Lecturer, NIEPID
8. Sri. B. Nageswar Rao, Asst. Director, AYJNISHD
9. Prof. Bishnupada Nanda, Deptt. Od Education, Jadavpur University
10. Dr. Sanjay Yadav, Asst. Prof., and Coordinator, Centre for disabilities Studies, R.B.U.
11. Smt. Baby Datta Chaudhury, Asst. Prof., SoE
12. Smt. Mandira Chakraborty, Asst. Prof., SoE
13. Ms. Swapna Deb, Consultant, SoE, Nsou
14. Dr. Abhedananda Panigrahi, Coordinator, B. Ed. Spl. Ed., SoE
15. Smt. Antara Choudhury, Asst. Prof., SoE, NSOU
16. Sri Prabir Naskar, Asst. Prof., SoE, NSOU

Dr. A. N. Dey, Director, SoE, NSOU initiated the workshop through welcoming the External Experts and external members of BoS. He highlighted the background of the workshop and conveyed his cordial thanks to the members for their contribution in the 1st workshop held on the 22nd July 2022. He requested the members to complete the structure of the transaction of Practical part of B. Ed. Spl. Ed. curriculum including the School Placement of the trainee (without having D. El. Ed. degree) at the 5th semesters. Dr. Dey requested Dr. Abhedananda Panigrahi, Coordinator, B. Ed. Spl. Ed. to conduct the workshop.

Dr. Panigrahi made a brief on the planning of the workshop and requested Mrs. Antara Choudhury, Asstt. Prof, SoE, to make a presentation of the curriculum transaction of the practical part of 1st and 5th semesters as prepared in the first workshop. Mrs. Choudhury presented it and after thorough discussion some additions and alterations were made and it was unanimously accepted and finalized.

Mrs. Antara Choudhury then presented the proposed practical curriculum for 2nd, 3rd and 4th semesters and after exhaustive deliberation by the members it was accepted without incorporation of some changes

After lunch break Mrs. Antara Choudhury presented the Practical Curriculum for all the semester including the School Placement for the 5th semester and by making slight changes the

entire Practical Curriculum for 1st to 5th semesters of B. Ed. Spl. Ed. (IDD/VI/II) ODL was adopted (see Annexure I).

Further resolved that if anything seems to be incorporated in the modalities of practical curriculum transaction, the Director, SoE is empowered to do it in consultation with the Coordinator, B. Ed. and faculty members.

Placed to the Hon'ble Vice Chancellor for his kind consideration and approval.

Abhedananda Panigrahi

Dr. Abhedananda Panigrahi
Coordinator, B. Ed. Spl. Ed.

Chowdhury 12/09/22
Prof. Debi Prasad Chowdhary
HoD, SoE, NSOU

A. N. Dey 12/09/2022
Dr. A. N. Dey
Director, SoE, NSOU

Submited

~~UC NSO.4~~

Approved as resolved in the Proceedings, as aforesaid. (in principle).

15/2/2022
13.09.2022
Prof. A. Dey
Dir SoE

A. Dey

12/09/2022
VC
19/9

Annexure - 1

Programme Structure

1st Semester (July -December 2022)

	Course Code	Title	Internal Assessment	Term End	Pass Marks	Full marks	Credits
AREA-A (Core Course)	A 1	Human Growth & Development	20	80	50	100	4
	A 2	Contemporary India and Education	20	80	50	100	4
AREA-B (Cross Disability and Inclusion)	B 7	Introduction to Sensory Disabilities (VI, HI, Deaf-Blind)	10	40	25	50	2
	B 8	Introduction to Neuro-Developmental Disabilities (ID, ASD)	10	40	25	50	2
	B 9	Introduction to Locomotor & Multiple Disabilities (CP, MD)	10	40	25	50	2
AREA-B Skill based Optional Course (Disability specialization)	B 11 (E)	Management of Learning Disability	10	40	25	50	2
AREA-E (Practical Related to Disability)	E 1 A	Practical: Cross Disability and Inclusion	20	30	25	50	2
Total Marks and Credits after the 1st term End Examination			100	350	225	450	18

2nd Semester (January -June2023)

	Course Code	Title	Internal Assessment	Term End	Pass Marks	Full marks	Credits
AREA-A (Core Course)	A 3	Learning, Teaching and Assessment	20	80	50	100	4
	A 4	Pedagogy of Teaching (Special Reference to Disability) Part I: Science Part II: Mathematics Part III: Social Science	20	80	50	100	4
AREA-B (Cross Disability and Inclusion)	B 6	Inclusive Education	10	40	25	50	2
AREA-C (Disability Specialization Course)	C 12	Assessment of Identification of Needs (HI)	20	80	50	100	4
		Assessment of Identification of Needs (ID/IDD)					
		Identification of Children with Visual Impairment and Assessment of Needs (VI)					
AREA-E (Cross Disability and Inclusion)	E 1 B	Practical: Cross Disability and Inclusion	40	60	50	100	4
AREA-E (Cross Disability and Inclusion)	E 2 A	Practical: Disability specialization	20	30	25	50	2
Total Marks and Credits after the 2nd Term End Examination			130	370	250	500	20

3rd Semester (July -December 2023)

	Course Code	Title	Internal Assessment	Term End	Pass Marks	Full marks	Credits
AREA-A (Core Course)	A 5	Pedagogy of Teaching (Special Reference to Disability) Part IV: Bengali Part V: English	20	80	50	100	4
AREA-C (Disability Specialization Course)	C 13	Curriculum Designing, Adaptation and Evaluation (HI)	20	80	50	100	4
		Curriculum Designing, Adaptation and Evaluation (ID/IDD)					
		Adaptation and Strategies for Teaching Expanded Curriculum (VI)					
	C 14	Intervention and Teaching Strategies (HI)	20	80	50	100	4
		Intervention and Teaching Strategies (ID/IDD)					
		Intervention and Teaching Strategies (VI)					
AREA-D (Enhancement of Professional Capacities [EPC])	D 19	Basic Research & Basic Statistic (EPC)	10	40	25	50	2
AREA-E (Practical Related to Disability)	E 2 B	Practical: Disability specialization	40	60	50	100	4
AREA-F (Field Engagement/ School Attachment/ Internship)	F 2	Other Disability Special School (Internship)	40	60	50	100	4
Total Marks and Credits after the 3rd Term End Examination			150	400	250	550	22

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A. Saigra

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4th Semester (January -June2024)

	Course Code	Title	Internal Assessment	Term End	Pass Marks	Full marks	Credits
AREA-B (Cross Disability and Inclusion)	B 10 (A)	Skill based Optional Course (Cross disability and inclusion) Guidance and Counselling	10	40	25	50	2
	AREA-C (Disability Specialization Course)	C 15	Technology and Disability (HI)	20	80	50	100
Technology and Disability (ID/IDD)							
Technology and Education of Visual Impairment (VI)							
AREA-C (Disability Specialization Course)	C 16	Psycho Social and Family Issues (HI)	10	40	25	50	2
		Psycho Social and Family Issues (ID/IDD)					
		Psycho Social and Family Issues (VI)					
AREA-D (Enhancement of Professional Capacities [EPC])	D 17	Reading and Reflecting on Texts	10	40	25	50	2
	D 18	Drama and Art in Education	10	40	25	50	2
AREA-F (Field Engagement/ School Attachment/ Internship)	F 1	Main disability special school (Related to Area C)	40	60	50	100	4
	F 3	Inclusive school (Internship)	40	60	50	100	4
Total Marks and Credits after the 4 th Term End Examination			140	360	250	500	18

Total Structure of B.Ed. B. Ed. Spl. Ed.- ODL ([ID/IDD]/HI/VI)

Sl. No	Semester	Name of the Papers	Paper Code	Distribution of Marks	Tasks for the Student-teacher
1.	1 st	Cross Disability and Inclusion	E1 A	50	Mandatory Workshop & School Placement 5days + 5days
2.	2 nd	Cross Disability and Inclusion & Disability Specialization	E1 B+ E2 A	100+50	Mandatory Workshop & School Placement 5days +5days+5days
3.	3 rd	Disability Specialization & Main Disability Special School (Internship)	E2 B + F1	100+100=200	Mandatory Workshop & School Placement 5days + 10-Days Internship
4.	4 th	Other Disability Special School (Internship) & Inclusive School (Internship)	F2+F3	100+100=200	Mandatory Workshop, School Placement & Internship (10 days +10 days) 20-Days
Total				600	-
5.	5 th	School Placement/ Internship	-	No Marks	*

Mode of Final Practical Examinations for B. Ed. Spl. Ed.- ODL ([ID/IDD]/HI/VI)

SEMESTERS	MODE OF FINAL PRACTICAL EXAMINATIONS	NUMBER OF DAYS (Max.)	PPAPER CODE	TITLE OF THE PAPER	MARKS DISTRUBUTION	FULL MARKS
I	Viva and Record Checking	1	E1 (A)	Practical- Cross Disability and Inclusion	50	50
II	Viva and Record Checking	2	E 2 (A)	Disability Specialization	50	150
			E 1(B)	Cross Disability & Inclusion	100	
III	Final Group Teaching at Special School for Major Disability Specialization (ID/IDD/HI/VI) Demonstration/ Simulated Teaching, Viva and Record Checking	2	E 2 (B)	Disability Specialization	100	200
			F 2	Other Disability Special School (10 days Internship)	100	
IV	Final Group Teaching at Inclusive School, Demonstration/ Simulated Teaching, Viva and Record Checking-	2	F1	Disability Specialization (10 days Internship)	100	200
			F 3	Inclusive School (10 days Internship)	100	

Semester V
School Placement/ Internship
Duration: 6 Months

(Practical Session 600 Hrs)

Sl. No.	Specialization	Components/ Tasks for the Student-teacher	Days/ Hours (Minimum)	Mode of Engagement	Description
1	Intellectual & Developmental Disabilities	<ul style="list-style-type: none"> • • Preparation for Teaching Practices including School period observation for selection of skills/topics • Lesson Plan Preparation • TLM preparation with low cost /no cost materials 	30 days /180hrs.	Blended	<ul style="list-style-type: none"> • Major(Specific) disability- 20 periods • Other than Major disability-20 Periods • Inclusive (UDL based Lesson Plan): 20 Periods
	Hearing Impairment				
	Visual Impairment				
2	Intellectual & Developmental Disabilities	Group teaching in Actual Classroom Situation in the school(s)	30 days /180hrs.	Face to Face	<ul style="list-style-type: none"> • Major(Specific) disability- 20 periods • Other than Major(Specific) disability (min. 2 disability areas to be covered)-20 periods • Inclusive (UDL based Lesson Plan): 20 periods
	Visual Impairment				
	Hearing Impairment				
3	Intellectual & Developmental Disabilities	Assisting School Activities			<p>Working as teacher assistant for prayers / assembly, checking hearing device, attendance, home work/class work, writing diaries, preparing TLM, teaching practice sessions recapitulation, and break times,</p> <p>Undertaking continuous whole day teaching using daily diary system for planning and recording.</p> <p>Reading and reporting on academic calendars, time table, diaries, work books, progress reports, case files, and parent meeting reports, certificates, and forms to avail exemptions and concessions, assessment formats for pre-school.</p>
	Visual Impairment				
	Hearing Impairment				

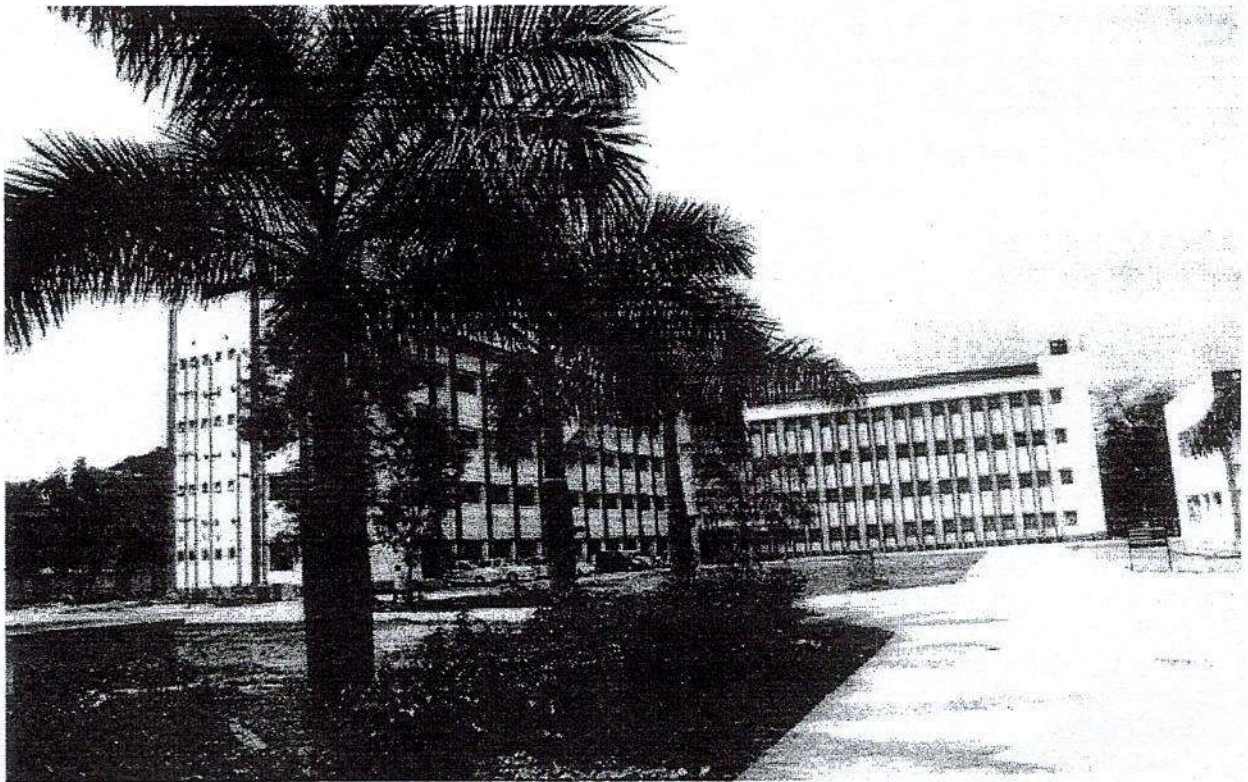
4	Intellectual & Developmental Disabilities	Case Study on any ONE child with ID/ IDD	30 days / 180 hrs	Blended	<ul style="list-style-type: none"> Screening, Identification & Management of persons with Learning difficulties Behaviour Modification
	Visual Impairment	<ul style="list-style-type: none"> Expanded Core Curriculum training/practice Behaviour Modification (B.M.) 			<ul style="list-style-type: none"> Braille (Reading & Writing), O&M Training, ADL Training, Sensory Training Modification of Mannerism & Verbalism
	Hearing Impairment	<ul style="list-style-type: none"> IEP Auditory and Speech Teaching Indian Sign Language Training 			<ul style="list-style-type: none"> IEP- in major disability (minimum one child) Auditory and Speech Teaching-(minimum two children) Indian Sign Language Training
5	Intellectual & Developmental Disabilities	Engagement in sensitization programme/School and Community outreach programme <i>a) Regular teaching & non-teaching staff including the hostel staff</i> <i>b) Peer group.</i> <i>c) Parents.</i> <i>d) Community members.</i> <i>e) Volunteers etc.</i>	10 days/ 60 hrs	Face to Face	<p>Minimum two sensitization programmes to be conducted on the following topics:</p> <ul style="list-style-type: none"> Accessibility Acts related to disabilities Schemes of Govt. of India and respective state government Concession and facilities Prevention of disability Universal Design of Learning (UDL) Inclusive Education Policies related to disabilities Assistive technologies
	Visual Impairment				
	Hearing Impairment				

Comprehensive Report

Completion of School Placement/ Internship and Sensitization programmes certificates are to be obtained from the respective Head of the institutions. These certificates are to be submitted to the respective LSCs. The final completion certificate will be issued based on these certificates only after verification jointly by the Coordinator of the respective LSC and the University authority.



**One-Year Diploma
in
Inclusive Education**



NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with Grade 'A'

**Centre for Disability Studies & Educational Research
(Under the aegis of School of Education)**

CF-162, Sec-1, Salt Lake, Kolkata-64, WB

&

SoE, RC, Kalyani Campus, 3rd Floor, Academic Building, Kalyani
Ghoshpara Station Road, Kalyani, Nadia, Pin-741235, WB

cdsersoe@gmail.com

ABOUT NETAJI SUBHAS OPEN UNIVERSITY (NSOU)

Netaji Subhas Open University (NSOU) is the premier State Open University in India and only Open University in West Bengal established in the year 1997 [W.B. Act (XIX) 1997] and Recognised by UGC-DEB. The University started functioning with effect from July 1998, only with the Bachelor Degree Programme in Arts & Commerce to provide an opportunity of higher education to various disadvantaged groups of aspiring learners. At present NSOU is offering Post Graduate programmes in Science, Humanities, Social Sciences, Commerce, Education, Professional Studies and various Diploma and Certificate Courses in Vocational and academic disciplines. Ph.D in regular mode has been introduced from 2020-2021 academic session. And till today it remains only one of its kind in the State and has come to be recognised as a formidable presence in eastern India.

ABOUT THE SCHOOL OF EDUCATION (SoE)

The School of Education (SoE) is a new feather on the cap of NSOU. It was established in the year 2013 with a view to instil quality in Education, Special Education and Teacher Education. In the meantime, NSOU had provided quality teacher education to a large number of In-service Teachers (about 30,000) to fulfil the mandate of RTE- Act 2009 within 2015.

Programmes offered by the School of Education:

- Ph.D in Education (regular mode)
- MA in Education
- B. Ed. (Spl. Education)
- B.A in Education Hons

Upcoming Programme

- M.Ed. in Special Education (I.D)

About CDSER (Centre for Disability Studies & Educational Research)

In compliance with the RCI and UGC circulars, a Centre in the name of CDSER has been established under the aegis of SoE, NSOU. The vision of the Centre is to develop human resources in the field of Disability and Education as well. Keeping this in view, the present 6-month certificate course on "Capacity Building & Professional Development on Inclusive Education" will be offered under this newly formed CDSER to cater to the emerging needs of Inclusive Education. This is in line with the specific mission of the centre which strengthens the potentialities of teachers and professionals to build competence to the changing society and support thereby.

About the Programme:

Analyzing the emerging needs of teacher education in promotion of inclusive education, it has been felt that conditions for optimizing learning in the classroom and outside have to receive special attention. This may be done by adopting suitable teaching learning strategies and making the presentation simple, concrete and interesting so that the teachers who deal with differently-abled individuals and socially excluded people could be motivated for receiving educational input within classroom and beyond.

The Course will address a conceptual framework as well as a pedagogy with a clear strategy to build up an inclusive approach which is based on sets of beliefs, attitudes and values as well as on professional knowledge and skills. The contents of the diploma programme have been designed in a simple form to enhance understanding and facilitate learning.

The program in Inclusive Education is designed to cater to the very need of the future learners and the community. The quantum of content is evenly blended with essentials to grasp theoretical understanding of the concepts and philosophies as well as practicum to gain proficiency to deliver in real situations. The curricular basket is dove tailed to make it compendious and poised. The NEP 2020 has rightly emphasized integrating inclusive education in the system of education and the nation is also heading to make India an Inclusive country. Therefore, the mission must be exercised and disseminated to the clientele through programs smitten with such tenets.

Duration of the Course

The duration of the Course is One Year comprising of Two Semesters. Theories and practicums will be held through blended mode.

Intake Capacity

The intake capacity of the Course is 40 only (First come, first served basis).

Medium of Instruction

English

Eligibility

A Bachelor degree preferably with B.Ed./B.Ed.Spl Ed/D.El.Ed/B.P.Ed/M.Ed./M.P.Ed

Brochure-cum-Admission Form:

The e-Brochure is available in the NSOU website. Admission in the programme may be done through filling up the Online Admission Form by paying the Admission Fee in full through online payment mode only. The scanned copy of the payment receipt has to be uploaded during online registration. Click to apply: <https://forms.gle/3qPt5FhLRtyoTQ48>

Admitted candidates have to bring all original testimonials on the 1st day of the commencement of classes for **Physical Verification** and authentication of documents positively. **Failing to provide testimonials for verification may be liable to cancellation of admission.**

Payment Details:

Online payment to be done. The payment details are as follows:

Beneficiary name	CDSER NSOU
Beneficiary Bank Name	Indian Bank
Bank branch Address	Salt Lake City, BD-98, Kol-64
Account No.	50448102659
Branch code	1829
IFSC Code	IDIB000K770

Admission Procedure:

The e-brochure with the online admission link (<https://forms.gle/3qPtb5FhLRtvoTQ48>) will be available on the website. Print out of the filled in admission form along with all relevant documents (including original payment receipt) are to be submitted at **School of Education, CF-162, Sec-1, Salt Lake, Kolkata-64** on the 1st day of the commencement of classes for **Physical Verification** and authentication of documents positively. **Failing to provide testimonials for verification may be liable to cancellation of admission.**

Course Fee: 5,000/- (Five thousand only)

Programme Details

- **Duration: One Year (02 Semesters)**
- **Full Marks: 600**
- **Total Credits: 24**
- **Theory: 400 (15 Credits)**
- **Practicum:200 (09 Credits)**
- **Mode: Blended**
- **Teaching- Learning Hours: 3 hours for every credit (24x3=72 hours) +30 hours studying beyond classroom Total= 102 hours [32-36 weeks x 4 hours (per week) = 144 hours {102 hours+42 hours for practical, presentation and conducting examination}**

Expected learning outcome:

At the end of the programme, the learners will

- be aware of and sensitive to the social complexities and the current challenges in delivering inclusive education in the school and colleges;
- be equipped to design and implement diverse teaching strategies;
- be able to understand the principles of inclusive classroom to accommodate diversity;
- be able to appreciate the role of MOOC on inclusive teaching-learning practices;
- be familiar with the leadership process and inclusive education;
- be able to comprehend the genesis of Sustainable Development Goals and the need for the inclusive education;
- be able to assess the impact of social inclusion on community-based rehabilitation;
- be able to identify the various means and modes of inclusive technologies to different fields.

Course Details:

Blocks	Block Name	Marks		Credit	
		Theory	Practicum *	Theory	Practicum *
I	Diversity & Inclusion	50	200	02	09
II	Diverse Learners & their Special needs	50		02	
III	Inclusive Teaching-Learning Practices	50		02	
IV	Building Inclusive School & Community (Paralympics and values included)	50		02	
V	Leadership and Inclusion	50		02	
VI	Sustainable Development Goals and Inclusive Education.	50		02	
VII	Social inclusion & Community Based Rehabilitation	50		02	
VIII	Inclusive Technology	50		01	
Total		400		15	

Practicum

Sl. No.	Activities	Marks	Credit
1	Seminar Presentation (at least two)	50	02
2	Project Work	50	03
3	Preparation and Presentation of Adaptive TLM suitable for secondary level (any one)	50	01
4	Inclusive Teaching Practices (No. of lessons: 04) Inclusive Technology presentation (any one)	50	03
	Total	200	09

Instructional Delivery Mechanisms

The Transactional modalities of the Course Curriculum is outlined below:

Mode of Delivery	Delivery Mechanisms
Blended Mode	<i>F2F/Online Classes</i>
	<i>Special sessions/Extended lectures</i>
	<i>Web Lectures</i>
	<i>Presentations</i>
	<i>Inclusive Teaching practices</i>
Self- Learning	<i>e-SLMs</i>
	<i>Relevant links</i>
	<i>OERs</i>
	<i>Hand-outs/PPTs</i>
	<i>Engagement with Practicum Activities</i>

Dr. P. Upadhyay & Smt. A. Choudhury
Programme Coordinators

Dr. A. N Dey
Coordinator, CDSER & Director, SoE



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SCHOOL OF EDUCATION

C. F.-162, Salt Lake City, Sector - 1, Kolkata-700064

Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo. No: SoE/148/2022

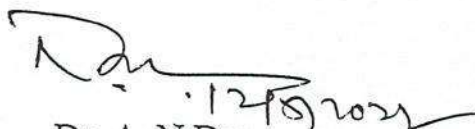
Date: 12/05/2022

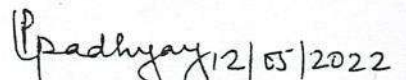
Note

This has reference to the proposal for online course (Foundations of Heutagogy-Non-Credit) on SWAYAM submitted by Dr. Papiya Upadhyay (CC), Asst Prof of Education, SoE, NSOU (copy enclosed-Annex-I). In this regard, a consent letter for being the Host University under SWAYAM MOOCs has been also furnished (copy enclosed-Annex-II). It is a matter of content that the proposal has been recommended and considered (to be offered from July 2022 session) in the 6th CCOC online meeting held on May 02, 2022 (Email intimation copy & list enclosed-Annex-III). As communicated, IGNOU-SWAYAM will get back shortly for the next phase of modalities.

It is indeed a matter of academic pleasure that this will be the 3rd MOOC from NSOU to be offered on SWAYAM platform. We look forward to work on Credit Courses under UG/PG programmes (Education) of NSOU to lighten our academia on national arena. We sincerely thank the competent authorities of the University for necessary support, encouragement and motivation in bringing out this outcome.

The above matter is humbly placed before the Hon'ble Vice-Chancellor for his kind information and official record/dissemination and necessary action.


12/05/2022
Dr. A. N Dey
Director, SoE, NSOU


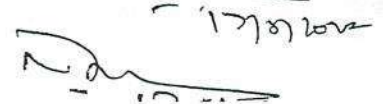

12/05/2022
Dr. Papiya Upadhyay
Asst Prof, SoE, NSOU

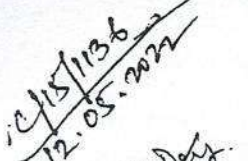
V.C. NSOU


Noted with thanks. May please be

kept on record.

Copy to -
i) Registrar, NSOU
ii) Director, CISA
iii) OIC, COEdu
for information -


12/05/2022



12.05.2022
Dr. A. N. Dey
Dir SoE


k.m.s.



Netaji Subhas Open University

(Established by WB Act (XIX) of 1997, Recognized by UGC)

Accredited by NAAC with grade A

DD-26, Sector-I, Salt Lake, Kolkata-700064

www.wbnsou.ac.in

Memo No. Reg/ 1338

Date: 28.03.2022

Consent Letter for being Host University under SWAYAM MOOCs

Netaji Subhas Open University hereby gives consent to facilitate Delivery, Evaluation and Certification including transfer of credits for the following MOOCs:

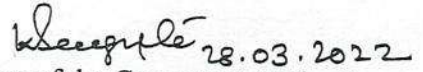
The details of the course are as follows:

1. Title of the course: Foundations of Heutagogy
2. Name and Designation of the course coordinator/s: Dr. Papiya Upadhyay, Assistant Professor of Education
3. New Course or Repurposed: New Course
4. Credit/ Non-Credit: Non-Credit
5. Total Credits: N. A.

Respective Course Coordinator/s, will develop the MOOC in four quadrants as per the requirement of SWAYAM MOOC(s) as envisaged in MHRD guidelines dated 11th March 2016 and 1st June 2017.

The Netaji Subhas Open University as Host University/ Institution agrees to offer the above-mentioned course for credit, conduct examination, assessment, evaluation, issue certificates and transfer the credits to the students of the Parent University/Institution as per the UGC/AICTE/any other regulatory body Regulations issued for the purpose.

The university also agrees to follow the relevant regulatory guidelines published time to time in relation to SWAYAM MOOCs and Credit Transfer.


Signature of the Competent Authority

Kishore Sengupta
REGISTRAR
NETAJI SUBHAS OPEN UNIVERSITY



Annexure -

X

NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with Grade 'A'

SCHOOL OF EDUCATION

CF- 162, Sector- I, Salt Lake, Kolkata- 700 064

Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo. No.: SoE/279/2021

Date: 03/12/2021

Note

The Swami Vivekananda Memorial Lecture (as approved and ratified by the competent authority of NSOU) may be held at a convenient date during the third week of January, 2022. Swami Dr. Sastrajnananda, Principal, RKM Residential College, Narendrapur has been approached for the prestigious lecture. Swamiji is an eminent scholar in Sanskrit, Bengali and Philosophy and a prolific speaker as well. His standing in the Ramakrishna order is very well known. However, Swamiji has accepted our invitation. The Vivekananda Memorial Lecture may be conducted on 15th of January, 2022, the Saturday on a blended mode subject to availability of your kind consent and time.

The organizing modalities may be finalized subject to the kind consent of the Hon'ble Vice-Chancellor, NSOU is received. The School of Education, hence places an earnest request in this regard.

Placed before the Hon'ble Vice Chancellor for his kind response/direction

Pu 03/12/2021

Papiya Upadhyay
Asst Prof, SoE, NSOU

SD/Swapan K Sarkar
Asso.Prof, SoE, NSOU

Dr
3/12/2021
Dr. A. N Dey
Director, SoE, NSOU
School of Educations, NSOU
CF- 62, Salt Lake City
Kolkata-700064

sc 15/12/21
03.12.2021

V.C., NSOU

A - *Thank you for the proposal about.*
The "modalities" may be finalized in
consultation with the Dir CQA.

Dr. AN Dey
Dir SoE

Dr. P. Upadhyay

For personal and my revision.
1) Registrar, NSOU
2) Director, CQA

Dr
5/12/2021
Dr
13/12/2021

Memo. NO: SOE/368/2022

Annexure - XI
Date: 17/10/2022

Agenda Notes and supportive documents

As requisitioned, with reference to the SoE agenda for AC Meeting vide Memo. No. SoE/357/2021, Dated 11/10/2022, the agenda notes and annexure are collated for necessary action.

Please find them below:

Sl. No. 8: To report on the various webinars, conferences, web lectures, observation of important days (national & international) held under SoE and CDSER during 2020-2022)-All program details with reports are available on the NSOU website-

http://www.wbnsou.ac.in/student_zone/courses/education/seminar_conference_workshop.shtml#active_seminar

http://www.wbnsou.ac.in/student_zone/courses/education/cdser.shtml#active_cdser

Sl. No. 9: To report on the publication of books from SoE

1. Books

- a) Including the Excluded: A Spectrum of Emerging Changes in Education, 2019.
- b) Futures of Education: Learning to become, 2021

2. SLMS

- a) B.Ed. Special Education – Bengali Version- four (4) SLMS.
- b) UG HED- Status enclosed.
- c) M.Ed. Special Education – All SLMS - twelve (12).SLMS
- d) Diploma in Inclusive Education- 2nd Semester- four (4) SLMS

3. Newsletter

- a) CDSER- February, 2021

Sl. No. 12. To propose for introduction of CBCS in PG Education

Concept note:

Keeping in view the multidisciplinary/interdisciplinary nature of courses in the higher education and the insights of NEP 2020, CBCS curriculum in Post-Graduation is taking precedence. As one of the strategic plans in the curricular development of programmes, Department of Education has already initiated the exercise of introducing CBCS curriculum i.e., revising the existing syllabus of Post Graduate in Education into CBCS format as per guidelines stated in the 37th AC meeting of the NSOU. After rounds of deliberations and threadbare discussion in several departmental meetings, a course structure and contents have been worked out (**Annexure-X**). The Department of Education is contemplating to convene a P.G Board of Studies Meeting very shortly to finalise the CBCS syllabus framework. It will ensure all University considerations that evolved/pertains to P.G CBCS curriculum.

Sl. No. 13. To propose for Helen Keller Memorial Lecture under the University oriflame-
Concept note:

Helen Keller was inducted into the Alabama Women's Hall of Fame in 1971. She was one of twelve inaugural inductees to the newly founded Alabama Writers Hall of Fame on June 8,

2015. In remembrance of Madam Helen Keller, the University may arrange a memorial lecture under the department of Special Education, School of Education in the month of June annually.

Sl. No. 14. To Propose skill-based/value-added online training modules/NSOU-MOOCs on Education, Teacher Education, Special Education, Physical Education and Yoga Education

Concept note:

The curricular framework of UG degree programmes have skill enhancement courses which is aimed at gaining access to dexterity, knowledge and ability, career ethics and good working attitude by skill training, establishing skill standards, and other relating activities. These courses offer a wide range of skill development through learning/hands-on transactions which enables learners and the working age people to adept to the demands of the job market in their particular domain/discipline/subject. In order to ensure that the learners actively engage with the practical side of their learning and also to inculcate values and ethics in the socio-cultural context of education, SoE proposes for value-based online courses on-

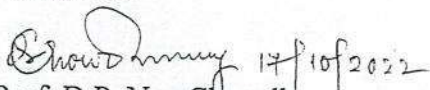
- ✦ Domain: Education/Teacher Education: Reading & reflecting on text (To be developed by Dr. Papiya Upadhyay)
- ✦ Domain: Physical & Yoga Education: Introduction & Application to Yoga Education (To be developed by Dr. A. N Dey & Dr. Papiya Upadhyay)

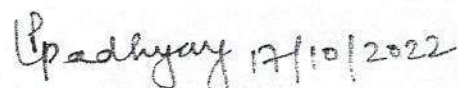
Sl. No. 16: Proposal to introduce B.A. in Spl Ed as per RCI norms

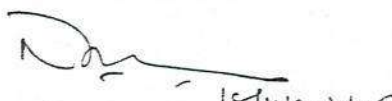
Concept note:

In a bid to enrich the academic flexibility and enrichment of vocation (Disability/Rehabilitation Sciences/Special Education/Integrated B. Ed. etc), the Department of Special Education and exploring the possibilities to initiate a proposal to introduce B.A in Special Education and Rehabilitation Sciences or similar programmes under specified nomenclature in offer by the RCI. However, RCI enlisted regular courses on similar nomenclatures are highlighted in the **Annexure-XII**. The department may carve out modalities in liaising with the University and RCI to settle on the introduction of such program(s) in ODL mode.

Submitted


Prof. D.P. Nag Chowdhury
HoD, SoE, NSOU


Dr. Papiya Upadhyay
Asst Prof of Education
SoE, NSOU


Dr. A. N Dey
Director, SoE, NSOU

**NETAJI SUBHAS OPEN UNIVERSITY***Accredited by NAAC with grade 'A'***SCHOOL OF EDUCATION****C. F.-162, Salt Lake City, Sector – 1, Kolkata-700064****Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in**

Memo. No: SoE/17#2022

Date: 22 /04/2022

PROPOSAL**SUB: ONLINE TEACHING-LEARNING MODULE/COURSE ON 'INTRODUCTION TO EDUCATIONAL TECHNOLOGY'****Course Title – Introduction to Educational Technology**

Course Coordinator (CC): Dr. Papiya Upadhyay, Asst Prof of Education

Joint CC: Dr. Parimal Sarkar, Asst Prof of Education

Course Overview: This course will lend a ready reference to the technology in education as well as technology of education. In the domain of contemporary knowledge, educational technology is the driving and prospective arena. Through the knowledge of technology-enabled teaching-learning milieu, educators and aspirants will have a grasp on the education of the millennial and also justify the 21st century learning needs. The equity, quality and sustainability-the three pillars of UN-SDG-4 will only be attained only through optimum utilization of resources of all forms in education. Educational technology is the gateway to this attainment. The syllabus is designed keeping in mind the foundational aspects of educational technology and its gripping bearing on the contemporary education and society. The course thrives to capture and captivate the thoughts and understanding of basic elements and processes underpinning the domain of E.T.

Background:**Justification of the Course:**

It is one of the compulsory papers (Part-II; Paper-V, Module-1) of Post-Graduation (PG) syllabus of 2 year PG in Education, offered by the NSOU. In a bid to offer courses through online teaching-learning modules will be a way forward to suffice the requirements as envisaged in UGC-ODL and online programme regulations 2020.

Main Subject Area: Education**Medium of Instruction:** English/Bengali**Course Duration:** 5 Weeks**Details of Programme:**

Week-I

Module-1: Concept of Educational Technology

Unit 1- Definition, Nature, Scope and Limitation of Educational Technology.

Unit-2-Components of Educational Technology: Hardware and Software approach. Educational Technology and Instructional Technology.

Week-II

Module-2: Instructional Design

Unit-3-Instructional design and Programmed Instruction- Concepts, Theoretical basis and Types- Linear and Branching; Computer assisted instruction.

Unit-4 Taxonomies of instructional objectives. System Approach-Concept and components of instructional system.

Week-III

Module-3: Teaching methods & models

Unit 5- Teaching Methods and Teaching Models. Concept of Teaching and major methods of teaching.

Unit-6 Models of Teaching- Concept and types of models (Glaser, Bruner & Ausubel). Uses and limitations. Microteaching as a skill development technique and Team teaching.

Week-IV

Module-4: Communication and Classroom Interaction

Unit 7- Definition and types of communication. Barriers of classroom communication.

Unit-8 Classroom Interaction-Meaning of Classroom Interaction. Analysis of Classroom Interaction by Flanders' Interaction category system.

Week-V

Module-5: Teaching Aids & ODL

Unit 9- Educational Technology in ODL mode- Psychology of using Teaching Aids, types of Teaching Aids- Projected, Non-projected and Audio-visual aids. Computer as a teaching aid. Unit-10 Distance education: Concept; student support services; Evaluation strategies in distance Education; Counselling methods in distance education; new vistas in Open & Distance Learning (Blended learning, on-line teaching, Blogs, LMS, Moodle, MOOC, TOOC etc.)

Total Credits: 04

Objectives of the Course:

After the completion of the course, the learners are expected to:

1. understand the concept of educational technology, its basic components and significance;
2. be familiar with the Instructional System Design (ISD), systems approach, its components and programmed instruction/learning;
3. develop an understanding about teaching methods and models and it's bearing on educational process
4. be acquainted with Communication process and Classroom Interaction;
5. Gain an understanding about various teaching aids and open & distance learning machinery, technology adoption, online and blended learning in education.

Learning Outcome

1. Understanding Educational Technology
2. Knowledge and analysis of ISD
3. Conversant with various teaching methods and models
4. Considerable knowledge on communication process and application of classroom interaction
5. Elucidation of various teaching aids, ODL and technology-enabled learning

URL of Introductory Video: To be prepared

Eligibility for Enrolment: Enrolled learners of NSOU and open to anyone interested to pursue

Course Prerequisite and Intended Audience: Enrolled PGED learners and anyone aspiring to know about the basics of educational technology

Course cycles/ sessions-N.A/May be decided upon its feasibility subject to the approval.

Evaluation Methodology:

- Non-graded
- 05 Weekly Quizzes (Self-assessment) and
- 01 final assessment Quiz

The course modalities are developed as guided by the SWAYAM template. Details are appended below:

Video Lectures

Sl. No.	Subject Domain	Video Title	Name of Teacher	Content Abstract	Duration (in Mins)	Date on which video will be made public (in mm/dd/yyyy)
1.	EDUCATION	Educational Technology-An introduction		Concept of Educational Technology	15	
2.		Hardware & Software approach of E.T		Components of Educational Technology		
3.		An introduction to Instructional technology		Concept and components of Instructional Technology Concept of Programmed Instruction		
4.		Classification of Instructional objectives		Taxonomies of instructional objectives		
5.		Understanding the basics of		Concept of Systems approach		

		Systems approach			
6.		Teaching method versus teaching models		Concept of teaching methods & teaching models	
7.		Glaser's Teaching model		Analytical Representation of basic teaching model-1	
8.		Bruner's Concept attainment model		Analytical Representation of teaching model-2	
9.		Ausubel's Advance organizer's model		Analytical Representation of teaching model-3	
10.		Elements of Microteaching & Team teaching		Microteaching & Team Teaching	
11.		Concept of Communication		Conceptual framework of communication process	
		Classroom		Underlying	

12.	interacti on		aspects and factors of Classroom interaction		
13.	An introduc tion to teachin g aids		Conceptual framework of teaching aids		
14.	ODL-A new age learning		ODL- concept and perspectives		
15.	Concept of Distanc e educati on		An overview of Distance education		
16.	Curricul ar transact ion in Distanc e educati on		Teaching- learning- evaluation mechanism of distance education		
17.	New vistas of distance educati on		Concept and understandin g of Online learning		
18.	Blended learning approac h		Prospects of Blended learning		
19.	MOOC s & SWAY AM LMS-		MOOCs and SWAYAM- concepts and functionaries		

20.	An introduction		Concept, types and significance of LMS		
21.	Success story of an Open University		Prospects & challenges in Open education and its relevance in the contemporary education system		

Reading Material

Sl. No.	Reading Material	Author	Type of publication	Content Abstract	No. of pages
1	Module-1 Concept of Educational Technology		SEM CC-BY- SA-NC URLs, additional reading materials Under CC- BY-SA	Definition, Nature, Scope and Limitation of Educational Technology. Components of Educational Technology: Hardware and Software approach. Educational Technology and Instructional Technology.	15-20 pages for each module
	Module-2 Instructional			Instructional design and Programmed Instruction-Concepts,	

	<p>Module-5 Teaching Aids & ODL</p>			<p>mode- Psychology of using Teaching Aids, . types of Teaching Aids- Projected, Non-projected and Audio-visual aids. Computer as a teaching aid. Distance education: Concept; student support services; Evaluation strategies in distance Education; Counselling methods in distance education; new vistas in Open & Distance Learning (Blended learning, on-line teaching, Blogs, LMS, Moodle, MOOC, etc.)</p>	
--	--	--	--	--	--

Self-Assessment

Sl. No.	Type of assessment (Quiz, Subjective, Activity, etc., Provide details)	Topic covered	Date for the assessment (tentative weeks)	Marks
1.	Self-Assessment Quiz weekly per module	Module-1 Concept of Educational Technology Module-2 Instructional Design Module-3 Teaching methods & models Module-4 Communication and Classroom Interaction Module-5 Teaching Aids & ODL	Weekly with the onset of the course	Weekly Quiz=10 marks
2.	One Final Assessment quiz at the end of the 5 th Week			Final Quiz=20 marks

Subject to the approval of the proposal, the same may be sent to the OIC, CoEdn for necessary guidance and furtherance.

Submitted to the Hon'ble Vice Chancellor for his kind direction/ approval.

22/04/2022

Dr. A. N Dey
 Director, SoE, NSOU
 Director
 School of Education NSOU
 CP-162, Salt Lake City
 Kolkata-700064

(Padihyay 22/04/2022
 Dr. Papiya Upadhyay
 Asst Prof, SoE, NSOU

*Approved as proposed above -
 in principle.*

~~Dr A N Dey~~
~~Director, SoE, NSOU~~

~~Dr Padihyay~~
 22/4/2022

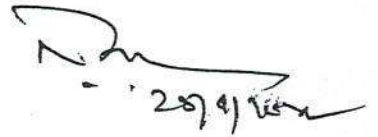
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 22.04.2022

~~Dr A N Dey~~
 22/4/2022

Notes Pre-page :

The approved proposal is sent to the
OFC, COEdu for necessary direction / further
action.

A copy of this proposal is also sent to the
Director - CSBA for information.


25/9/2024



NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with grade 'A'

SCHOOL OF EDUCATION

C. F.-162, Salt Lake City, Sector – 1, Kolkata-700064

Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo. No: SoE/ 353/2022

Date: 26/09/2022

MINUTES OF THE 1ST MEETING OF THE DEPARTMENTAL RESEARCH CONCLAVE (EDUCATION AND SPECIAL EDUCATION)

Date & Time: 21-09-2022; 12 Noon

Venue: Conference Hall, SoE, Salt Lake campus

Mode: Face-to-Face

Members present:

1. Dr. A. N Dey, Director, SoE, NSOU
2. Prof. Dulal Mukhopadhyaya,, Retd Professor, Department of Education, University of Kalyani & Former Core faculty, SoE, NSOU
3. Prof. Anirban Ghosh, Director-CIQA, NSOU
4. Prof. Someswar Bhowmik, OIC-COEdn, NSOU
5. Prof. D.P. Nag Chowdhury, SoE, NSOU
6. Dr. Papiya Upadhyay, Asst Prof of Education, SoE, NSOU
7. Dr. Parimal Sarkar, Asst Prof of Education, SoE, NSOU
8. Smt. Antara Choudhury, Asst Prof of Special Education, SoE, NSOU
9. Mr. Prabir Naskar, Asst Prof of Special Education, SoE, NSOU

Dr. A. N Dey, Director, SoE presided over the meeting. He welcomed all the esteemed members and the four Principal Investigators of the NSOU-funded four minor research project.

Background of the Research conclave:

Director-CIQA summarized the backdrop of the Research Conclave.

As resolved in the 8th & 9th CIQA meetings, proposals were invited from the full-time faculty members in substantive posts for research projects. On the basis of the recommendations of the duly constituted Project Selection Committee (PSC), financial assistance has been granted in favour of 04 faculties of SoE as Principal Investigators to carry out their projects (duration: Maximum 12 months). Apropos to this, as conceded in the 12th CIQA meeting, Research Conclave (RC) may be organized to review the progress of these university-funded research project. It is to be noted that 50% of research grants were released by CIQA/Finance

Dept. to these 04 faculties to carry out their projects. It was resolved that the Directors of the Schools may review the progress of these projects at the School level through meeting under RC. The first meeting under the Departmental Research Conclave was thus scheduled to review the project development and progress.

Agendum of the RC:

- ✦ To review the progress of NSOU-funded research projects sanctioned to the four faculties (under substantive post) of SoE for a period of one year.

Director, SoE invited each P.I to present the progress of the research project sanctioned to them. The detail observations are recorded below:

I. P.I: Smt. Antara Choudhury

Title of the Project: Development of Online Module on 'Learning the Management of Children with Learning Disabilities'

Smt. Choudhury presented her development and progress of the entitled project through PPT. The online module is a 4-week course. An Academic Advisory Committee has been constituted for quality and auditing of the e-contents. The presentation raised that she is yet to receive e-text of module-III. AVL recordings are yet to be assigned. However, she is steadily keeping track of the editing and reviewing works of the online module through repeated reminders to the text-writers/editors. Several virtual meetings were conducted for orientation of the course developers during the past couple of months. In order to complete the entitled project successfully she requested for an extension of time.

II. P.I: Mr. Prabir Naskar

Title of the Project: Development of Online Module on 'Learning the Management of Children with Autism Spectrum Disorder'

The online module is a 4-week course. An Academic Advisory Committee has been constituted for quality and auditing of the e-contents of the online module. Mr. Naskar's oral deliberation brought out few concerning areas on the text writers and editors. Orientation meet of the Course developers was conducted to orient and give hand-holding ready experience for the e-text development. AVL recordings for this purpose are yet to be mapped and assigned. He affably assured that repeated reminders are been given to the course developers for early submission of the remaining e-text. In order to complete the entitled project successfully he requested for an extension of time.

Specific Observations for I & II:

The house acknowledged the need and rationale of the development of the online modules at the behest of ICT-enabled pedagogy of the University. Since the present online modules are a part of the existing B.Ed Spl Ed curriculum, Prof. Bhowmick and Prof. Ghosh advised the P.Is to incorporate the existing texts from the SLMs relevant to the current module. This would save time to complete the work in hand.

III.P.I: Dr. Papiya Upadhyay

Title of the Project: The Mind Space of Teachers in the context of Blended Learning (BL) at Higher Education Level

Dr. Upadhyay presented her progress of work through vivid PPT slides. According to her timeline of the project, she has completed 03 tool development (construction and standardisation). She has also initiated data collection through google forms. Out of 400 samples, she has collected 160 so far. In order to expedite the data collection process, she is planning for visits to respective areas allotted under the study. As the method of her study is mixed research, a workshop will be conducted in the month of Nov 2022 to gather qualitative data through Focussed Group Discussion (FGD).

Specific Observations:

The house affirmed that the workshop must be organized without delay as it would fetch the vision and materialise the idea behind the work more significantly. They also suggested to visit HEIs in order to expedite the data collection process. The result chain of the work was appreciated by Prof. Mukhopadhyaya.

IV. P.I: Dr. Parimal Sarkar

Title of the Project: Impact of ICT support on the Tribal Learners of Netaji Subhas Open University.

Dr. Sarkar delivered his progress through oral discussion and presented the tool development process and very soon likely to complete the tool standardisation process. He also mentioned that a Project Assistant has been sanctioned to assist him for data collection and analysis. He has also received permission from the competent authority of NSOU for fetching data on tribal learners enrolled under different programmes. Dr. Sarkar.

Specific Observations:

The house congratulated Dr. Sarkar for taking such a challenging study but at the same time expressed serious concerns in collecting relevant data within the time left in hand. Prof. Mukhopadhyaya, advised to complete the standardisation of the tool expeditiously. Prof. Bhowmick insisted to limit the items of the questionnaire to maximum 20 as the present raw tool has 50 items. Prof. Ghosh further advised him to immediately notify the advertisement for the Project Assistant and initiate the recruitment modalities at the earliest.

Generic resolutions:

The members unanimously affirmed the following:

- ✦ All the 04 P.Is are suggested to complete the project within the stipulated time (as per project sanction letter received from the Registrar Deptt) without delay.
- ✦ Failing to meet the deadline, the concerned P.I may request for an extension of date for completion and submission of the entitled research project through the Director, SoE to the Registrar/CIQA.
- ✦ The remaining 50% of the sanctioned amount may be released to the respective 04 P.Is on receipt of the UC of the 50% of the already disbursed financial assistance to carry out the project as per project sanction letter from the Registrar Department.

The meeting concluded with exchanging thanks to and from the Chair.

The above minutes of the meeting are placed before the Hon'ble Vice Chancellor for his kind information and approval.

Encls:

Annexure-I: Meeting Notice

Annexure-II: Attendance Sheet

Drafted by-

Upadhyay 26/09/2022
Dr. Papiya Upadhyay
Asst. Prof, SoE, NSOU

[Signature]
26/09/2022
Dr. A. N Dey
Director, SoE, NSOU

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26/09/2022*

V.C., NSOU
[Signature]
NA as per mch
26/09

[Signature]
27/09
Dr. Papiya Upadhyay

Annexure - XIV



Dr. J. C. G. A. / 11/10

School of Social Sciences
Ankurika
17.10.2022
11.10.2022

Netaji Subhas Open University
(Established By Act (W.B. Act (XIX) of 1997 and Recognized by U.G.C)
School of Social Sciences,

DD - 26, SECTOR - I, SALT LAKE CITY, KOLKATA - 700 064. Phone : (033) 4066-3220,
Kalyani Campus: Ghoshpara, Kalyani 741235; Phone: (033) 2582-0103,
Durgapur Campus: Jawahar Lal Nehru Road, Burdwan, Phone: (034) 3250-0418,
Jalpaiguri Campus: Pat kata, Jalpaiguri, Phone: (035) 6125-7012,
Website: www.wbson.ac.in

File

13/10

Memo No: SSS/790

Date: 11.10.2022

Report

This is the Report of the One day National Webinar organized by the Department of Sociology under the School of Social Sciences, NSOU in collaboration with the NSOU Centre for Social studies on 23.09.22 from 11.00 am to 4pm on the Theme: Giving voice to the voiceless? : The sociology of identity politics in Contemporary India on the occasion of the seventy fifth year of independence, *Amrit Mahotsav*.

The Seminar itinerary

The Inaugural session of the seminar was initiated by the Welcome address given by Professor, Chandan Basu, Director, School Of Social Sciences, NSOU. It was followed by the Inaugural Address by Professor Asit Baran Aich, The Registrar, NSOU. Thereafter the august keynote address was delivered by Professor Anand Kumar, Department Of Sociology, JNU. The address was succeeded by the illuminated Presidential Address delivered by Professor Abha Chauhan, Department Of Sociology, Jammu University and President, Indian Sociological Society. The inaugural session came to an end by the vote of thanks by the undersigned.

Key note address

Professor Kumar in his Key note address tried weaving the ideas of equality, freedom, justice and mobilization of the voiceless. He said, in an extremely stratified society like ours where constitutional equality has already been proclaimed, the significance of the voiceless becomes more nuanced over the time. Attempts had been made to treat the very concept of identity in terms of value perception and as a consequence of the social structure. It is necessary to taste democracy to understand the rule of freedom and the rule of law. Unless we understand this, we cannot gauge the trauma of the voiceless-ness. With the lumpenization of the public sphere, we have understood that the nation building

Srabanti Choudhuri
10.10.22



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School of Social Sciences,
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Kalyani Campus: Ghoshpara, Kalyani 741235; Phone: (033) 2582-0103.
Durgapur Campus: Jawahar Lal Nehru Road, Burdwan, Phone: (034) 3250-0418.
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is an important challenge for a great civilization like India which had been assaulted by two hundred years of imperialism that had bestowed it with a prolonged sense of voiceless-ness. The idea of India has gone through a paradigm shift and the successors of the this grand structure who bear the legacy of communalism, casteism and regionalism, tradition, modernity and social change had to continue their conversation with reality. Nation and nationalism are not the two sides of the same coin because nations are built on wee feeling which must be supported by political, economic and social justice. Hierarchies should not be converted into frozen steps of inclusion and social exclusion but instead they must remain fluid and fine by the judiciary system and common wisdom. This challenge of nation building is a serious challenge and if this is thwarted, it becomes consolidated into voiceless-ness. The vice of the British imperialism created more voicelessness than ver. The freedom struggle was fought because the right to speech was jeopardized and voice was the privilege of the elites and the ruled and the dominated. The struggle was made because the voicelessness was perpetuated by denying basic rights like expressing opinions and stand points. Great thinkers like Lokmanya Tilak and Mahatma Gandhi were arrested because they expressed their own convictions. People like Netaji and Jawaharlal Nehru and many others were arrested because they expressed their minds through public speeches that did not gel well with the imperialists. Our constitutional preamble says we have the basic rights to express our free thoughts, ideas and faith and these must not be denied.

We then started our voyage for democracy wherein we embarked on the journey from voiceless-ness to rights for representation. After few years of consolidation of our national democracy, since 1960s, we witness a new trend of politics of caste, region, ethnicity, religion which we call the fissiparous tendencies that were compared with tendencies of separatism. We thought these tendencies are seizing our political freedom and justice that were not congenial with national unity. Since 1970s we find the rise of regional parties governing various provinces that recognized the idea of federalization. We started acknowledging inevitability and importance of the ethnic and regional parties. We started appreciating the status and existence of such regional parties. Especially, Tamil Nadu became the focus of national debates and strife because Tamilians were organizing their regional parties in line with national

Srabanti Choudhuri
10.10.22



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parties like Congress and giving due recognition to regional parties like the Dravida Munnetra Kazhagam (DMK) and the All India Anna Dravida Munnetra Kazhagam (AIADMK). This was not to say that Tamil Separatism was growing but that plurality and multiculturalism was ushered in Tamil Nadu. The first Indian language that was used in parliament after Hindi was undoubtedly Kannad. Veerendra Patil who went on to become the chief Minister of Karnataka insisted that *Kannad* language be spoken in parliament since he was representing the *Kannad* people. Multilingualism was encouraged and it was made a point that regional languages other than Hindi was used copiously in the public sphere.

However, it is disappointing to find that the official language to be used in the Supreme Court was only English that of course repressed the multi-linguist approach that we so far had been talking of. Soon after the constitution of the Mandal commission probed the status of the other back ward castes and classes and resolved to give them more visibility in the public forum. After the submission of the Mandal commission report, it was increasingly recognized that the other Back ward castes and classes must be given due attention. One of the most pertinent trends in the Indian democracy is the proliferation of the Dalit movement. The meaning of 'Dalit' had undoubtedly acquired newer political and ideological shades that had undoubtedly triggered newer debates of identity and identity formulation across the multiple conjunctions of reality.

It was interesting to note that the key note address that was delivered contained the key elements of voiceless-ness with which we must negotiate such as firstly, the need to eliminate the caste hierarchy that had been entrenched in the social order. Secondly, the deprived sections of the society especially those belonging to the primary sectors of the economy such as peasants, artisans, farmers and the *Adivasi*. Thirdly, the problem of linguistic plurality must be emphasized such that other than the grand languages, even regional languages must be also be given equal footage. Thousands of languages have perished away in dearth of proper sustenance and legislation. Though there are exceptions such as some Dalit writers who are very articulate and expressive. There are also some political leaders who are more articulate than the others However, exception does not make rule. Fourthly, it is gender which is still struggling as a category to claim voice for itself. There are again interesting exceptions like Mamta Banerjee in West Bengal, Rabri

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Devi in Bihar and Mayawati, the erstwhile chief minister of Uttar Pradesh. But the question of gender and its representation is still very mucky now. The poverty is the fifth factor contributing to voicelessness. Of course, the trade union movements in the remote agrarian states is still governed by the middle class leaders. But, of course such ideology do not get due place in policies and programmes drafted for the state. Sixthly, it is religion which suffers from the malady of voice-lessness. Only a few national religions get exposure while the rest others are drowned into the darkness of invisibility and morbidity. The minorities must get their due place in the trajectory of social change towards the accreditation of their identity.

It is expected that ethnicization of mobility, religious heterogeneity and due recognition to the muffled voices coming from the unexposed corners of civilization must get their due place. In this struggle for freedom, rights and Swaraj, we must not forget to respect ourselves and our kinsmen as well as give reverence to those others struggling to acquire a footing on the socio-political panorama of the Indian civilization. We as sociologists must question the concept of voiceless-ness and strive hard to accommodate those voices by crafting a more inclusive space for them.

The Presidential address

The key note address was followed by the Presidential address delivered by Professor Abha Chowhan. She in her presidential address also mooted on the ideas of voicelessness, especially the ideas of cultural voice-lessness and its consequences for the Indian society. She gave resplendent examples from the everyday lives of Jammu's composite culture especially those enshrining the popular deity of *Vaishno Devi* to contextualize the theme in local parlance across a wide global backdrop. She said, 'plurality' is always a better word than 'diversity' because we are not just considering the other to be important but also at the same time accepting him or her on the same plane with enough resilience and accommodation, which is more important. She also discussed the theoretical paradigms and the paradigm change of deconstructing the meta-narratives to give voice to those on the margins. The inaugural session came to an end with Vote of Thanks delivered by the undersigned.

Srabanti Choudhuri
10.10.22



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The technical sessions I and II

The technical sessions I and II soon followed with paper presentations from twenty three presenters across the country (Appendix-1), making the webinar truly 'national' in its scope. They participated very actively with vibrant illustrations and absorbing analysis. The 1st technical session was presided over by Professor Abha Chowhan and Dr. Kumkum Sarkar, Associate Professor of Sociology, NSOU and coordinated by Sri Ajit Kumar Mondal, Associate Professor of Sociology, NSOU. The second session was coordinated by Sri Anupam Ray, Assistant Professor of Sociology, NSOU and chaired over by Sri Ajit Mondal. The technical sessions were coupled with an interactive session which made the Webinar even more enthralling and compelling. The day came to an end with a note of thanks to all the participants from the organizing secretary for making the Webinar a grand a success.

The takeaways from the webinar

- We are celebrating the seventy-fifth year of independence with much pomp and show and the extravagance is steeped in every layer of the society we take stride of. The papers reminded us that we should not forget that we live in a severely stratified society where almost every socket has its own ethno-graph to narrate. The narration becomes even so striking since the very last decade of the 20th century that witnessed galvanizing and far sighted changes. It had redefined the Indian polity through an interesting yet intensifying interface between caste, class, gender and ethnic identities.
- The presentations pointed out that the liberalization and the concomitant economic reforms championed a new phase of development which made India embark on a new journey since the 1990s with its own promises and challenges. The period remained entrenched with many strains, some of which were manipulated by the political system itself for extra electoral leverages. The era saw an unprecedented rise of diverse plural categories and backward classes which had already lost voices for decades.
- The webinar pointed out that the society was myopic of such groups and so was the polity which refused to accommodate such plural but undermined



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groups. Their voices went unheard and drowned in the cacophony of political rhetoric and shrill meta-narratives.

- The papers devised ways so that that the unvoiced were represented and patted with concern, at least the polity must hear their murmurs. They showed that the muffled voices were beginning to marshal some identity though smeared by the accoutrements of crafty politics. Hence we can visualize an era which automated the dispensations of identity politics that is soon to radicalize the socio-political landscape of the Indian society with the shades of social inclusion and adaptation.

However, whether the new regime would bring any solace to the emaciated is doubtful and that is what we were debating in this webinar. We didn't start with any presumption but only presented the timeline of the reorganization of the state and the polity to record the morphed picture of the backward and the minority categories. We dialogued incessantly that whether at all the excluded groups have carved out some niche for themselves or is it only a cosmetic change pretending ostentatious welfare.

The questions that we had left behind

- Is new Indian polity and society facilitating social inclusion or is it a farce after all?
- Is the very process of politicizing the identity formations help bring some relief to those teetering on the margin?
- Or is it all illusion for the masses and optimization for the handful? These are some of the basic questions we left behind as the food of thought.

Outcomes of the Webinar:

1. We sensitized the young minds with very relevant themes concerning Indian polity and society. The deliberations made them more resourceful and conscious as well as judiciously responsible scholars as well as citizens. We were successful in producing a handful of sensitive and responsible citizens, which is the emergent need of the hour. The themes we touched were the vibrant topics of Indian polity such as:

- Identity Politics in India

Srabanti Choudhuri

10.10.22



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- Indian polity and rights of women
 - Gender, caste and minority
 - Coalition politics and electoral mileage
 - Sociology of identity politics
 - Tribal rights and the question of identity
 - Politicizing the social saxophone of multiple voices
 - Literature depicting the sites of multiplicity
 - Structured and situated history of social exclusion
 - Policies for social inclusion
2. We will soon be publishing an Edited volume with an ISBN to commemorate the seventy five years of our independence and as a memoir of our National Webinar that was staged on this occasion. This will be done on the basis of the papers we have received so far.

Placed before the Hon'ble Vice Chancellor, NSOU through the Director, SSS for his necessary information and kind record.

Srabanti Choudhuri

10.10.22

*Forwarded.
Chandan Baner
11/10/2022*

Organizing Secretary:

Dr. Srabanti Choudhuri,

Assistant Professor of Sociology,

School of Social Sciences, NSOU

Srabanti Choudhuri

10.10.22



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Appendix-1

One Day National Webinar Organized By The Department Of Sociology Under The School Of Social Sciences, NSOU In Collaboration With The NSOU Centre For Social Studies On 23.09.22 From 11.00am to 4pm On Giving Voice To The Voiceless? : The Sociology of Identity Politics in Contemporary India.

Webinar Schedule that was followed

11.00 Am-Welcome Address by Professor, Chandan Bose, Director, School Of Social Sciences, NSOU.

11.05-Inaugural Address by Professor Asit Baran Aich, the Registrar, NSOU

11.10-Key Note Address by Professor Anand Kumar, Department Of Sociology, JNU

11.40-Presidential Address by Professor Abha Chauhan, Department Of Sociology, Jammu University. President, Indian Sociological Society.

11.50-Vote Of Thanks By Dr. Srabanti Choudhuri, Assistant Professor Of Sociology, School Of Social Sciences, NSOU



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1st Technical Session 12-2.10 pm

Chair Person: Professor Abha Chauhan, Department Of Sociology, Jammu University and Dr. Kumkum Sarkar, Associate Professor of Sociology, NSOU.

Coordinator-Sri Ajit Kumar Mondal, Associate Professor of Sociology, NSOU

List of Presenters

Sl.No	Name	Designation	Title Of The Paper
1.	Dr. Srabanti Choudhuri	Assistant Professor In Sociology, NSOU	Accessing Digital education in Singabad Tilation, a border village of Habibpur Block of Malda district: Facilitating social inclusion?
2.	Dr. Shohini Chakraborty	Assistant Professor In Political Science, Swami Niswambalananda Girls'college	Infanticide And Foeticide In India: A Critical Analysis Of The Legal Framework
3.	Dr Sudarshana Sen	Assistant Professor In Sociology, Gourbango University	'The Social Identity Of The Anglo-Indian Community And Its Women In India'
4.	Sathi Naik	SACT-1 Women's	Building New Identities And Fighting Social

Srabanti Choudhuri
10.10.22



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		Christian College, Kolkata. Research Scholar Burdwan University.	Stigma: A Study Among Transgender Persons In Kolkata, West Bengal
5.	Mili Mishra	Assistant Professor In Education, Women's Christian College, Kolkata.	Socio Economic Status And Substance Abuse Among College Students In India
6.	Sayanti Dutta	State Aided College Teacher (S.A.C.T) Vivekananda College For Women, Barisha, Kolkata -08	Children Of Subalternity And Their Non- Hegemonic Voice Against Their Subordination
7.	Keshab Chandra Dey	Research Scholar, NSOU	A Sociological Study On Education Among The Muslim Women Of Metiabruz Area In Kolkata In West Bengal, India
8.	Sazid Equbal Akhtar	Research Scholar,	The Rise Of Muslim Women

Srabanti Choudhuri
10.10.22



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		Jamia Millia Islamia, Delhi,	In India: Interrogating The Established Idioms Of Politics
9.	Srija Chakraborty	Content Writer	Intersectional Subjectivity On Gendered Parlance; Though Eyes Of Modernity
10.	Dr. Titir Chatterjee	Assistant Professor In Sociology, Bengal State University	Politicizing Gender Identity: A Film Narrative
11.	Dr. Suchandra Ghosh	Assistant Professor In Sociology, Jhargram Government College, Girls' Wing	From Shah Bano To Shayara Bano: Judicial Activism, Judicial Praxis And Muslim Personal Law Reform In India
12.	Anwasha Bhattacharya	Research Scholar, TISS.	Liminal Bodies Having Partial Treatment! Illustrating The Relationship Between Health And Sexuality In The Everyday Life



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			Of Hijras In Kolkata
Interaction		2pm-2.10pm	
Break		2.10pm-2.30pm	
2 nd Technical Session (2.30-4.25)			
Chair Person: Sri Ajit Kumar Mondal, Associate Professor of Sociology, NSOU.			
Coordinator: Sri Anupam Roy, Assistant Professor of Sociology, NSOU			
List of Presenters			
13.	Dr. Runa Das Chaudhuri	Assistant Professor In Sociology, Bamanpukur Humayun Kabir Mahavidyalaya.	Looking Through The Marginalities Of Homosexuals: A Case Study Of The Film 'Aligarh'
14.	Amrita Midde	Assistant Professor In Sociology, Pakuahat Degree College, Malda	Space and its Discontents: A Study on the Growth and Decadence of Chitpur
15.	Debarshi Khamrui	Assistant Professor In Political Science, Asutosh College	Politics Of Religious Minorities, TRIBAL And Other Backward Communities In



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			The Indian Context
16.	Orion De	Post Graduate Student In History	Giving Voice To The Voiceless?: The Sociology Of Identity Politics In Contemporary India
17.	Parijat Sarkar	Research Assistant, ICSSR Funded Project	Women In Tribal Community And Their Educational Rights
18.	Lara Chiang K Sangma	Research Scholar, WILLIAM CARET UNIVERSITY	The Role And Duties Of Nokkrom
19.	Seema Mahi	Research Scholar, University Of Delhi	Social Identity And Panchayat Elections: Voices Of The Voiceless
20.	Pinki Biswas	Post Graduate Student, NSOU	Gender, Caste And Minority
21.	Dr. Shakun Sharma	Assistant Professor, Govt. Degree College, University Of Jammu	From Private To Public Sphere: Role Of Elected Women Representatives In Jammu Municipal Corporation.



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22.	Anirban Banerjee	Professor, Department Of Sociology, Burdwan University.	Property Rights Of Hindus And Muslim Women In 21st Century India: A Comparative Study
23.	Sonali Roy Chowdhury Ghosh	Assistant Professor, Institute Of Education, Haldia.	Gender Inequality In Our Society: Sociological Analysis
Interaction		4.15-4.25 pm	



NETAJI SUBHAS OPEN UNIVERSITY

School of Humanities

Established By Act (W.B. Act (XIX) of 1997 and Recognised by U.G.C.) Head Office: DD-26, Sector-1, Salt Lake City, Kolkata-700064; Phone: 033 40663214

Website: www.wbnsou.ac.in; Email: nsou@wbnsou.ac.in

Date: 29/08/2022

Memo no: SoH 22/334

Proposal for Bengali Compendium for undergraduate learner

NSOU has introduced CBCS syllabus in Under Graduate level from academic year 2021-22 for which SLM's are being developed accordingly. The new SLM of literary studies in Bengali & English (for HBG & HEG) need to address text materials which have copyright issues. It may be noted that the literary texts like poetry, short story, essay, letters, translations etc are the integral part of each syllabus as applicable. The university need to resolve copyright issues before printing of such text material for the U.G. learner.

At the outset, this has been proposed that the following compendiums should be developed in accordance with the new CBCS syllabus of Bengali under the supervision of concerned Board of Studies.

1. Selections of poetry (Old Bengali poetry to modern period) as per syllabus.
(সাহিত্যিকাঃ বাংলা কাব্য-কবিতা সংকলন)
2. Selections of short story, essay, letters, writings as per HBG CBCS syllabus
(সাহিত্যিকাঃ বাংলা ছোটগল্প ও প্রবন্ধ সংকলন)

The following features regarding the development of such compendiums transpired while the issues were discussed with the competent authority/ forum as applicable.



- a) School of Humanities in collaboration with Dey's Publishing House, Kolkata (a Kolkata based Bengali publisher of high esteem and well-connected network across the state) may be engaged to develop such compendium. MoU / agreement delineating the terms & conditions for printing and purchase of title etc. as needed, will be signed between School of Humanities & Dey's Publishing house in consultation with the competent authority accordingly.
- b) Up-to-date list of selected text and necessary write-ups will be supplied to the publisher by the Department of Bengali following the due procedure.
- c) Concerned publisher will manage and complete all paraphernalia regarding the publication of such compendium. NSOU will have no responsibility regarding the copyright issues of any text material printed therein, however holds the editorial right.

Placed before the honourable Vice Chancellor for approval and necessary advice, if any.

Director
School of Humanities

29-08-22

The above matter has been placed and discussed with the Director, Fin. & Estt. Accordingly, the proposal (A) & (B) above stand approved in principle. However, the matter may please be taken up with the Fin. & Estt. for taking m.a. at low end as per instructions as may be applicable.

	<p>MEMORANDUM OF UNDERSTANDING Between Bangladesh Open University And Centre for Language, Translation & Cultural Studies (CLTCS) School of Humanities Netaji Subhas Open University</p>	
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PREAMBLE

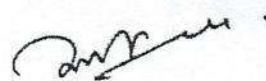
1. **Bangladesh Open University (BOU)** and **Netaji Subhas Open University (NSOU)** authorities have agreed to cooperate and collaborate different academic initiatives in the educational arena for the institutional mutual interest. This joint academic effort is intended to help develop expanding the open-to-open (Open University to Open University) partnership horizon for furthering education and research activities in international arena for the enhancement of knowledge-based society in Bengal Basin. Towards the open to open partnership initiative the Bangladesh Open University (BOU), represented by its Vice Chancellor, and Netaji Subhas Open University (NSOU), represented by its Vice Chancellor, have agreed to collaborate the following areas of their institutional academic arena.

ARTICLE 1: SCOPE

2. That this Memorandum of Understanding (MOU) is intended to facilitate the collaborative research initiatives on Bengal Partition & the Liberation War of Bangladesh and its aftermath, between the two universities of which Centres/ Departments/Schools are involved, to develop & upgrade the digital repository on the subject namely **Bengal Partition Repository (BPR)** as developed by the NSOU, for storing the oral history and personal documents in the form of video/audio and print.

ARTICLE 2: OBJECTIVES

3. That this academic research will be accomplished through collaborative efforts between Bangladesh Open University (BOU) and the CLTCS (Centre for Language, Translation & Cultural Studies) of Netaji Subhas Open University (NSOU). various ways viz., case to case or project basis which may include:
 - Collaborative Research under the broad area of Partition & Liberation War studies to create an Open Repository for future research.
 - Exchange of research and pedagogical materials and primary source materials to be collected from the people of Bangladesh & the adjacent state of India namely West Bengal
 - Field work for primary source data collection
 - Joint international conference, seminars, workshop and symposia
 - Joint publication of research material
 - Additional cooperative initiatives (i.e. running joint programme, exchange of research materials, internship) as may be mutually agreed upon.

ARTICLE 3: COORDINATION

4. BOU and NSOU will each designate a representative or a School/Centre/body/ duly authorized by the relevant competent authority, who is to be responsible for the management of this MOU. Both parties agree to notify the other if the School/Centre/body/ or representative changes in the course of the agreement, and to, in turn, inform their respective international and/or administrative units.

ARTICLE 4: AMENDMENTS

5. Both the host institutions will hold the right of their existing rules & regulations and amendments in effect from time to time. All the committee members of host institution(s) will constitute the primary stakeholders of such collaborative research project. Internal arrangement/committees and functioning of such institution(s) shall not fall within the purview of such MOU. Both the institutions will extend their infrastructural support i.e. office, computer, internet connectivity, seminar hall, transportation etc. to run the project in good spirit within the ambit of existing rules & regulations of the concerned host institutions. The copy of the MOU thus evolved may be used by researchers in obtaining necessary travel documents as and when required. Such travel may be governed and planned under the norms of Cultural Exchange Programmes as may be decided upon by the partner institutions that are parties to this MOU.

ARTICLE 5: ACADEMIC ENGAGEMENT

6. Both the institutions agree to conduct this project with their best ability. Academic sharing and deliberations will be made in extremely spirited manner to explore the new areas of the proposed field of study. Action oriented plan under this collaborative research should be completed within a stipulated time. The timeframe for collaborative research will be agreed by the two parties (BOU & NSOU) and each project shall have details of background, objectives, methodology and implications. Each project shall have dissemination workshop/conferences/seminars where the participants from both the universities will attend. The project/or the university shall bear the participation cost.

ARTICLE 5: FIELD SURVEY RESEARCH

7. On the basis of selective sample, field survey will be organised to collect in audio-video format personal narratives of families across generations affected by Indian Partition and the Liberation war of Bangladesh. A team of researchers to be fixed/engaged by both the host institutions for field survey. Schedule of survey will be fixed on mutual convenience. Host institutions will arrange accommodation and food as per specification to be fixed by them. The detail of the pre-fixed specifications/offerings will be intimated mutually.
8. The details should be communicated to all concerned at any level of stake holding. Maximum span of survey on each visit will be 07 (seven) days at a stretch. One workshop each to be organized by either host institution to fix-up all the details regarding the survey before it starts.



NSOU-BOU Research Collaboration-Phase-2



9. The findings coming of the survey shall be treated as confidential by the host institutions till the completion of the whole project. The publication thereof shall be a collaborative effort based on mutual consent and with due acknowledgements.

ARTICLE 6: WORKSHOPS/ SEMINAR UNDER THIS INITIATIVE

10. Maximum 2 (two) workshops/seminar will be organized; 1 (one) each by both institutions. It is preferable to organize a workshop or a seminar of 2 (two) days maximum, in mutually convenient schedules.
11. Workshop/Seminar will discuss the issues relating to the broad area of the Research Project. It will try to explore new dimensions of recent Partition Studies focusing on the trajectory or aftermath of Bengal Partition as specific level of study.
12. The expenditure for organizing the workshops/Seminars will be incurred by the host institution with a modest budget and moderate arrangements. Experts/officials invited at the workshop will be covered by standard accommodation, hospitality, local conveyance etc. but Travelling allowance or Airfare may not be covered under project expenses. The TA or round trip fare for invited experts of either host institution will be the responsibility of their own.
13. Intimation to the respective High-Commissions about the workshop/seminar, and procuring necessary help thereof will be the responsibility of the host institution.

ARTICLE 7: USE OF WEBSITE

14. The project findings and other details will be uploaded in the website of CLTCS, Netaji Subhas Open University as it already installed and exists with regular maintenance. The CLTCS weblink will be redirected to BOU site as project updates.
15. The host Institutions shall hold their rights to upload academic matters relating to broad areas of the research project in particular, and make available their planning regarding the project for greater publicity in good spirit. Such uploads shall however, not divulge any findings of the field study.
16. The matter recorded under this project, either in Audio or in Video format shall be uploaded in website with mutual consent. No such matter that can in any way run contrary to the spirit of national or local interest shall be uploaded in any case.
17. Cost of maintenance and other IT related technicalities will not come under the purview of such MOU.



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NSOU-BOU Research Collaboration-Phase-2

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ARTICLE 8: PUBLICATION(S)

18. The findings/outcome of the project will be published in the following manner. Final Report of the Research Project will be published jointly in Monograph format. Publication cost will be equally shared, if the same is published by the host institutions jointly. Otherwise, the final report may be offered to a reputed private Publisher for publication in monograph format. The modus operandi will be worked out by mutual consent.

ARTICLE 9: FUNDING

19. This collaborative research funding will be guided by the existing finance rule of the either part and case to case approval from the concerned competent authority as applicable therein. Neither party is obligated to expend any monies or other resources in connection with this MOU. As for the external funds required by either party, no matter for what kind of purpose, appropriate or not, neither party will have financial obligation to the other party upon such determination.

ARTICLE 10: MUTUAL COMMITMENT FOR HOLDING FOLLOWING EVENTS

20. Two universities have agreed to jointly organize events concerning the research collaboration as per the following schedule:

CLTCS, NSOU Expenses		BoU Expenses	
Heads	Maximum No / Quantity	Heads	Maximum No. / Quantity
Equipment's & other technical peripherals	Already installed at CLTCS, NSOU	N A	N A
Workshop / Seminar	1	Workshop / Seminar	1
Meetings	2	Meetings	2
Field survey	Not applicable	Field Survey (one week duration/ Trip)	2 surveys
Website	Already exists : www.cltcnsou.in	Website	Not applicable
Project Reports	1	Project Reports	1
Final Publication	Jointly	Final Publication	Jointly

ARTICLE 11: RENEWALS

21. This agreement takes effect when signed by authorized representatives of the participating organizations. The agreement will continue in force and effect for a period of 03 (three) years from the date of signing of MOU. Renewal of such MOU may be initiated at the end of each



NSOU-BOU Research Collaboration-Phase-2

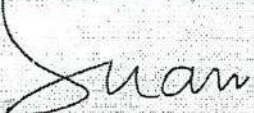



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such three years period, and will require signatures by authorized officials of the participating organizations.

ARTICLE 12: SIGNATURES

22. This agreement may be terminated at the request of either party by giving advance written notice of sixty (60) days.

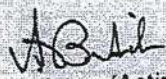

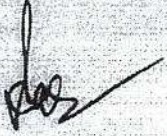
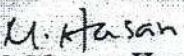
 Dr. Md. Shafiqul Alam Registrar Bangladesh Open University	 Professor Manan Kumar Mandal Professor & Director, School of Humanities Coordinator, Centre for Language, Translation & Cultural Studies (CLTCS) Netaji Subhas Open University
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DATE: 25th Day of August 2022

Netaji Subhas Open University
DD 26, Sector 1, Salt Lake City, Kolkata 64

Prof. MANAN KUMAR MANDAL
DIRECTOR
SCHOOL OF HUMANITIES
NETAJI SUBHAS OPEN UNIVERSITY

Witness:

<i>Representative from NSOU</i>	<i>Representative from BOU</i>
1.  Registrar (Acting) Netaji Subhas Open University	1.  Professor Mahbuba Nasreen, PhD Pro-Vice Chancellor (Academic) Bangladesh Open University
2.  Finance Officer Netaji Subhas Open University	2.  Md. Mamun Hasan Director (Administration) and Director (Additional Charge) Finance & Accounts Division Bangladesh Open University



NSOU-BOU Research Collaboration-Phase-2



MEMORANDUM OF UNDERSTANDING

In terms of Clause 5(f) & 10(a) of the General Guidelines of the Centre for Language, Translation & Cultural Studies (CLTCS) under the aegis of the School of Humanities of Netaji Subhas Open University, a Memorandum of Understanding (MoU) is being signed between the NSOU-CLTCS and Serampore Girls College, the host Organization where the Study Centre is housed.

This Memorandum of Understanding (MoU) made this 16th November, Two Thousand Twenty One between Centre for Language, Translation & Cultural Studies (CLTCS) under the aegis of the School of Humanities of Netaji Subhas Open University, having its office at DD-26, Sector-I, Salt lake, Kolkata-700064 represented by its Coordinator, Centre for Language, Translation & Cultural Studies, hereinafter referred to as NSOU-CLTCS of THE ONE PART

AND

Serampore Girls College, 13 T C Goswami street, Serampore, West Bengal, PIN 712201, running under the represented by its Principal, hereinafter referred to as Serampore Girls College of THE OTHER PART

THE EXPRESSION 'NSOU-CLTCS' AND 'Serampore Girls College' SHALL UNLESS EXCLUDED BY OR REPUGNANT TO THE CONTEXT BE DEEMED TO INCLUDE THEIR SUCCESSOR IN OFFICE OR ASSIGNEE.

WHEREAS NSOU is the premier State Open University in India and recognized by University Grants Commission (UGC), Distance Education Bureau (DEB) and accredited as 'Grade A' by NAAC.

AND WHEREAS Serampore Girls College has been consistently providing high quality of services in higher education and need based training course affiliated to University of Calcutta, recognized by UGC (2f) & 12(b) certificates.

1. SCOPE OF SERVICES:

- a) The NSOU-CLTCS in association with 'Serampore Girls College' will conduct the following Short-term Training Programme:
 - i) Certificate in Communicative English (CICE)
 - ii) Advance Certificate in Communicative English (ACICE)
- b) Classroom part of the course will be arranged by Serampore Girls College at their premises, 13TC Goswami Street, Serampore, West Bengal, PIN

Page 1 of 4

[Signature]
Director
School of Humanities



[Signature]

712201 . The Serampore Girls College will operate as a study centre of NSOU.

- c) NSOU-CLTCS & Serampore Girls College shall plan and prepare the syllabus and determine the mode of delivery
- d) Certificate to be issued to the successful trainees with grade under joint signatories of authorized officer of NSOU and Serampore Girls College.

2. THE FOLLOWING ARE THE RESPONSIBILITIES OF NSOU AND SERAMPORE GIRLS COLLEGE

2.1 RESPONSIBILITIES OF NSOU-CLTCS:

- a) Preparation & printing of common prospectus (to be sold at price fixed by NSOU-CLTCS and the sale proceeds shall be deposited to NSOU-CLTCS Account by Serampore Girls College)
- b) Constitution of Course Advisory Committee (CAC)
- c) Holding of TAC meeting at the University Headquarters
- d) Supervising the academic part of the training programme
- e) Issue of Unique Identification Number (UIN) to each trainee

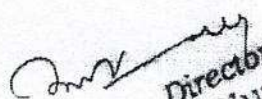
2.2 RESPONSIBILITIES OF SERAMPORE GIRLS COLLEGE


- a) Serampore Girls College shall conduct the programme as per the norms and guidelines set by TAC. It will also bear the responsibilities of a study centre of the NSOU.
- b) Serampore Girls College shall provide the infrastructure including the premises, furniture, teaching aids classroom and workshop etc.
- c) Serampore Girls College shall collect the programme fees (including prospectus fees as applicable) from the trainees as approved by the CLTCS, NSOU
- d) Serampore Girls College shall provide the trainers/ faculties as approved by the TAC
- e) Serampore Girls College shall conduct the assessment as framed by the TAC under the supervision of CLTCS, NSOU
- f) Serampore Girls College shall make necessary advertisement for admission with prior approval of CLTCS, NSOU
- g) Serampore Girls College shall publish the counselling schedule of theory and practical sessions on their website and also send a copy of the schedule to the CLTCS, NSOU.
- h) Serampore Girls College shall allow the University team to visit the centre any time and to inspect all relevant documents

3. REVENUE SHARING

The trainees need to pay the cost of Prospectus and the Programme fees at the time of admission. The Serampore Girls College shall remit the share of

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Director
School of Humanities


Principal
Serampore Girls College
Serampore, Hooghly

revenue as agreed to NSOU after admission and before the commencement of the course, either through bank Demand Draft or fund transfer to the designated bank account "NSOU-CLTCS" A/c. Assessment fees may be collected by the Serampore Girls College with prior approval of the CLTCS, NSOU. No other fees to be collected from the trainees by the Serampore Girls College. The revenue sharing ratio may be revised depending on the number of students from time to time mutually.

4. VALIDITY

This Memorandum of Understanding shall remain valid for a period of two years from the date of signing of the MoU unless it is terminated as per Para 8(c). The same may be extended and modified on mutually agreed written terms and conditions.

5. ASSESSMENT PROCEDURE

At the end the training programmes the Serampore Girls college will conduct the assessment of the students. The assessment would comprise class interaction, class participation, continuous assessment, performance in workshop and hands-on-training and also include viva voce etc as per guidelines framed by CAC. On the basis of the performance, the Certificate will be issued with grade under joint signatories as specified in Para 1(d).

6. CERTIFICATE WITH GRADATION

At the end of the duration, a completion certificate will be issued to the participants jointly signed by the Director/ Officer-in-Charge of the School/ Coordinator of CLTCS, NSOU and the Joint Director of the Serampore Girls College with the following grade.

A+	90% and above
A	80% to 89%
B+	70% to 79%
B	60% to 69%
C	below 60%

7. FORCE MAJEURE

- a) In the event either party cannot perform its respective obligation under the Memorandum due to Force Majeure, the corresponding obligations of the other party may at the instance and notice of such either party be suspended for a similar period of time.

Force Majeure shall include but limited to regulations of Government, earthquakes, floods, epidemic, war, revolution, strikes, lockouts, explosion, computer virus attack and natural calamities.

8. SPECIAL CLAUSE

- a) A joint committee comprising the Principal/ Teacher-in-Charge of Serampore Girls College and the Director/Officer-in-Charge, School of Humanities of

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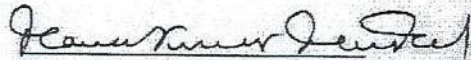
[Signature]
Director
School of Humanities

[Signature]
Principal
Serampore Girls College

NSOU shall control/monitor the functioning of the joint venture. The committee would, as and when necessary, will suggest to alter/modify and review the existing MOU for effective implementation of the course. All such alternations/modifications and review of the existing MOU shall be made in writing and be agreed upon by both the parties in order to be effective

- b) On all aspects where the above articles of understanding are silent or for special cases of deviation from these articles, the decision mutually agreed upon in writing between the parties will be final. However, in case of any dispute relating to or arising out of the MOU, such dispute shall be resolved amicably through Joint Committee constituted for the purpose with the consent of Vice-Chancellor, NSOU and joint committee's decision shall be final and binding on both parties with the approval of the Vice-Chancellor, NSOU.
- c) Either side could terminate this MOU by giving notice of at least three months in writing to the other side without causing any harm to the existing students who have not completed the course.

Signed on behalf of the NSOU-CLTCS



Coordinator, Centre for Language,
Translation & Cultural Studies, SOH,
NSOU

Prof. MANAN KUMAR MANDAL
DIRECTOR
SCHOOL OF HUMANITIES
NETAJI SUBHAS OPEN UNIVERSITY

Witness:

Signed on behalf of Serampore
Girls College



Principal

Principal
Serampore Girls' College
Serampore, Hooghly

Witness:



STUDY CENTER UNDER SCHOOL OF VOCATIONAL STUDIESRENEWAL OF MOU:

SL. NO.	ORGANIZATION	MOU VALID UP TO	COURSES UNDER SVS / CLL	Course fees share SVS / CLL
1.	Anjali Academy of Management & Technology (A unit of Anjali Social Welfare Research Foundation) Panskura (V-27)	20/06/2023 for 3 years	SVS / CLL	30% / 20%
2.	Agami Nirman (V – 39)	27/5/2025 for 3 years	SVS	30%
3.	ACE Business Academy a) Kolkata (V – 33) b) Siliguri (V – 28)	11/12/2024 for 3 years	CLL	20%
4.	Arabindranagar Youth Academy (V – 31)	17/05/2025 for 3 years	SVS	30%
5.	Al- Ameen Memorial Minority College (J – 06)	01/01/13 for 3 years	SVS	30%
6.	Anindya Yoga Society (V – 30)	19/10/2023 for 3 years	CLL / SVS	20% / 30%
7.	Bengal Bratachari Society (V-57)	12/12/2023 for 3 years	SVS	30%
8.	Bijoy Krishna Girls' College (B – 10)	03/05/2025 for 3 years	SVS	30%
9.	Enterprise Development Institute (P – 01)	4/4/2024 for 3 years	SVS / CLL	30% / 20%
10.	George Telegraph Training Institute	11/4/2024 for 3 years	CLL	20%
11.	GirindraShekhar Institute of Psychological Education & Research(p – 10)	18/7/2023 for 3 years	SVS / CLL	30%/20%
12.	Joygopalpur Gram Vikash Kendra (V – 41)	14/04/24 for 3 years	CLL	20%
13.	Maharani Kasiswari Collage (W – 02)	02/05/25 for 3 years	SVS	30%
14.	Nazirpur Rainbow Educational Institute, (V – 48)	20/10/25 for 2 years	SVS / CLL	30% / 20%
15.	Nari Siksha Samity a) Jhargram(V – 24) b) Kolkata (V – 25)	01/06/2023 for 3 years	SVS	30%
16.	NabadwipBakultala School of Education (A unit of NabadwipBakultalaVidyalayaPraktanchhatraSammilani) (V – 40)	19/03/2024 for 3 years	SVS	30%
17.	Ruby General Hospital (V – 47)	01/02/2025 for 3 years	SVS	40%
18.	Sarojini Naidu College (E – 06)	02/05/2025 for 3 years	SVS	30%

19.	Shivananda Helth Society (P-19)	18/10/2022 for 3 years	CLL	20%
20.	S.S Educational Trust (C-02)	02/11/2022 for 3 years	CLL	20%
21.	Pranavananda Institute of Management & Technology, (A unit of Bharat Sevashram Sangha) a) Kolkata (P-21) b) Hridaypur (V-53) c) Diamond Harbour (V-37) d) Ranigunj (V-56) e) Bardhaman (V-58)	26/5/2025 for 3 years	SVS / CLL	30% / 20%
22.	Suri Mahila Samity (V-26)	11/1/24 for 3 years	SVS	30%
23.	Shanti Devi Vidyaniketan (V-10)	10/8/2024 for 3 years	SVS / CLL	30% / 20%
24.	Vivekananda Educational Institute (V-56)	05/12/2023 for 2 years	SVS / CLL	30% / 20%
25.	Vidyasagar Foundation (W-22)	01/08/2024 for 3 years	SVS	30%
26.	Little Georgians, Bolpur, (V-60)	08/02/2024 for 3 years	SVS	30%
27.	BKM College of Education (V-63)	8/4/2024 for 3 years	SVS/ CLL	20% / 30%
28.	Gourangdi B.Ed. College (V-64)	07/04/2023 for 2 years	SVS/ CLL	30% / 20%
29.	Surendralal Das Teachers' Training College (V-65)	08/04/2025 for 3 years	SVS	40%
30.	International Institute of Management Science (C-35)	12/12/2024 for 3 Years	CLL	30%
31.	George Animatrix School of Animation (C-42)	28/4/2025 for 3 years	CLL	20%
32.	Institute of Pulmocare and Research (V-46)	31/01/2025 for 3 years	CLL	20%
33.	Jagadish Chandra Mandal Institute of Education (V-72)	7/11/2024 for 3 years	SVS / CLL	30% / 40%
34.	George Telegraph Film & Television Institute (C-43)	28/4/2025 for 3 years	CLL	20%
35.	Bankim Sardar College (G-10)	13/9/2025 for 3 years	CLL	20%
36.	Abesh Innovation Education Training Skill Institute (V-71)	12/9/2024 for 2 years	SVS	40%
37.	Union Christian Training College (C-40)	27/11/2023 for 2 years	CLL	
38.	Radhagobinda Charitable Trust (V-74)	28/8/2025 For 3 Years	SVS / CLL	30% / 20%
39.	Sponsored Teachers' Training College (C-44)	28/8/2025 For 3 Years	CLL	20%
40.	Dodhichi Trust (V-75)	28/8/2025 For 3 Years	SVS/CLL	30% / 20%
41.	Anjali Vocational & Training Centre (V-73)	20/6/2025 for 3 years	SVS/CLL	30% 20%

42	Society for Community Intervention & Research	21/5/2024 for 3 Years	CLL	20%
43	IMAGIC Learning Solution Pvt.Ltd	29/11/2023 for 3 Years	CLL	20%
44	Balaghar Bijoykrishna Mahavidyalaya	25/8/2023 for 3 Years	SVS	30%
45	MNG Educational & welfare Trust	28/2/2023 for 3 Years	CLL	20%
	/	/		/
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NETAJI SUBHAS OPEN UNIVERSITY

[Established by WB Act (XIX) of 1997, Recognized by UGC]

DD-26, Sector-I, Salt Lake, KOLKATA-700 064

PHONE:4066 3220, TELEFAX:033-4066-3225

Inspection Report

As approved by Hon'ble Vice-Chancellor on 2/9/2022, we, the undersigned, visited Annapurna Society for Urban and Rural Community Development (ASURCD), a registered society under the WB Societies Registration Act, 1962, Bolpur, Birbhum on 23rd September 2022 to explore the possibility of opening study centre for vocational courses (under SVS) and short-term training programme (under CLL) of the University at their proposed centre.

In the opinion of the members of the Inspection Team, the organization is competent to run the following course at their premises

Under SVS: Psychological Counselling (1-year Advanced Diploma)

Under CLL: Human Rights (6-month Certificate)

If approved, the course may be offered w.e.f January 2023 session. The MoU between NSOU & ASURCD may be signed accordingly.

Placed before Hon'ble Vice-Chancellor for kind approval/ direction.

<i>Ashosh</i> 26/9/22	<i>Monojit Garai</i> 26/9/22
Dr. Anirban Ghosh Director(i/c), SVS	Shri Monojit Garai Asst. Professor, Social Work

VC sir
ve/16/61
26.09.2022

Registrar
Please ADD
Ashosh
19/11

APP. may
be placed before AC
for report & notification
M
26/09

Discard
SVS
26/09



IGNOU-SWAYAM MOOCs PROPOSAL- (Prof. Anirban Ghosh- NSOU)

1 message

Ashish Kumar Awadhiya - 3913 <akawadhiya@ignou.ac.in>

Mon, Jul 4, 2022 at 5:14 PM

To: Anirban Ghosh <anirban1972@gmail.com>

Cc: Swayam CC <swayamcc@ignouonline.ac.in>, Swayam Admin <swayamadmin@ignouonline.ac.in>, Garima Agarwal <garima@ignouonline.ac.in>, Leela Bharathi <bharti@ignou.ac.in>, Rajesh Sharma - 1640 <rajeshsharma@ignou.ac.in>, Indrani Lahiri <indranilahiri@ignou.ac.in>, Gowthaman - 4043 <gowthaman@ignou.ac.in>, "Director, COE" <director.coe@ignou.ac.in>, COE Office IGNOU <coe.office@ignou.ac.in>, Uma Kanjilal <ukanjilal@ignou.ac.in>

Respected Prof. Anirban Ghosh,

Greetings from COF, IGNOU, New Delhi.

This is in continuation to your SWAYAM MOOCs proposal submitted to IGNOU, New Delhi through email/ post.

We are happy to inform you that your proposal has been "**Approved**" by the CCOC Committee of IGNOU in its 7th meeting held on 21-June-2022:

Name of School/ University	Name of Course	Course Code	Discipline	New Course / Name of Programme	Name of Course Coordinator	Credits	Approval Status
Netaji Subhas Open University	Research and Publication Ethics (RPE)	NA	Multidisciplinary	New	Prof. Anirban Ghosh	2	Approved

Remarks of the Committee: CC is requested to offer this course in regional languages.

Please go through the comments/ remarks by the CCOC committee and act accordingly, if required.

Please find below the link to some sample introductory videos for your reference.

1. <https://youtu.be/e22oPLUc2kQ>
2. <https://www.youtube.com/watch?v=5FaXTcFuk5w&feature=youtu.be>
3. https://youtu.be/_jqfR2-X8w

Please produce your introductory video (if required) in a similar manner considering the following broad parameters

- Approximately 05 minute Introductory video, preferably by Course Coordinator
- Provide course Overview and Objectives,
- Pre-requisites & Learning Outcomes and any other relevant information

You are also requested to submit course layout template for each course (as per the attached template) and send it to swayamcc@ignouonline.ac.in with CC to the undersigned.

You are requested to proceed with the development of your MOOCs as per the following guidelines:

- a. Guidelines for developing online courses under SWAYAM-01-June-2017
- b. Guidelines for Development and Implementation of MOOCs- 11-March-2016
- c. UGC (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2021.

Further, you are requested to send us the "Letter of Acceptance" from your University for the development of the above MOOCs according to the 'Guidelines for developing online courses under SWAYAM-01-June-2017'.

Kindly develop and provide the first-week course material of your MOOC to us. This material shall be reviewed by NC for 'Final Approval' of the Course.

Approved' by NC, we shall release the development cost of this module and subsequent modules in similar manner to our university.

Please note that

- **Module wise payments @ of Rs. 33750.00 per module will be reimbursed based on submission of the completed module as per SWAYAM guidelines after due reviewing (Academic and Technical).**
- **Funds will be reimbursed directly to the concerned institution and not to the individual Course Coordinators.**
- **The Course Coordinators will have to provide Utilization Certificate as per Government norms.**

Please find below the existing payment norms for the development of New MOOCs for your kind reference:

Development of new MOOCs:

A. Teaching Learning Material (TLM) & On-Camera Presentation

S. No.	Details	Rs. in lakhs
1	Preparation of the TLM, assessment, presentations, online reference material etc. including transcript –for 40 hours course material .	1.50
2	On Camera presentation by SME (Subject Matter Expert) @ Rs. 5000 per module (30 minutes)	2.00
3	Academic Review with two Subject Matter Experts (for all four quadrant material)@ Rs. 1000 per module (30 minutes)	0.80
4	Technical review by one technical expert @ Rs. 500 per module (30 minutes)	0.20
	Sub-Total (S. No. 1 to 4) payment to SMEs and Reviewers (for 40 hours)	4.50

B. Video Production (Tentative -40 hours):

S. No.	Details	Rs. in lakhs
1	Production Cost (including cost of studio, set, crew and instructional designer)	5.25
2	Multimedia or outdoor shooting inputs	1.75
3.	Post Production (@Rs. 5.000 per hour)	2.00
	Sub-Total (S.No. 1 to 3) Video Production Cost	9.00
	Grand Total (A+B)=	13.5

Kindly acknowledge the mail.

Thank you and Best Regards

Ashish Kumar Awadhiya

--
 Ashish Kumar Awadhiya
 Assistant Director- Training and Development
 Centre for Online Education (COE), Block-17, R. No. 6
 IGNOU, Maidan Garhi, New Delhi - 110068

NETAJI SUBHAS OPEN UNIVERSITY

Master of Library and Information Science (M.Lib.I.Sc.)

Proposed Syllabus

Duration: 1-year

Full marks: 900 (72credits)

- Course 1: Information Communication and Society
- Course 2: Digital Information Resource Management
- Course 3: Automated Library Systems
- Course 4: Digital Library System
- Course 5: Information Representation and Retrieval
- Course 6: Library and Information System Management
- Course 7: Research Methodology and Academic Metrics (50+50)

Course 8: Electives (Any one course from each Group)

Group A: (50marks)

- Course 8.1: Preservation and Conservation of Information Resources
- Course 8.2: Academic Library System
- Course 8.3: Public Library System
- Course 8.4: Community Information Systems and Services
- Course 8.5: Special Library Systems

Group B: (50marks)

- Course 8.6: Knowledge Discovery and Data Mining
- Course 8.7: Natural Language Processing
- Course 8.8: Digital Humanities
- Course 8.9: Open Knowledge System
- Course 8.10: Inclusive Information Services
- Course 8.11: Library Support in e-Learning Systems

Course 9: Dissertation

Detailed Syllabus

COURSE 1: INFORMATION COMMUNICATION AND SOCIETY (AD)

Module 1: Information: Nature, properties and Life Cycle

Unit -1 Information life cycle (Data, Information and Knowledge: Definition, Types, Nature & Properties; Information Communication: Channels, Process, Models and Barriers)

Unit -2 Economics of Information / Information Economy

Module 2: Information Science and related concepts

Unit -3 Information Science as a discipline

Unit -4 Informatics (Social implementation, Technological applications; Social issues)

Module 3: Intellectual Property Rights (IPRs) and Copyright

Unit -5 Intellectual Property Rights (IPR)

Unit -6 Copyright and related issues

Module 4: Knowledge Society Information Policy

Unit -7 Knowledge Society

Unit -8 Information policies

COURSE 2: DIGITAL INFORMATION RESOURCES MANAGEMENT (AD)

Module 1: Introduction to Digital Information Resources

Unit -1 Digital Information Resource: nature and feature

Unit -2 Information Literacy and Digital Divide

Module 2: Digital Information Resources for Libraries

Unit -3 Web Resources (generic Web resources, Search engines, Metasearch engines, subject directory)

Unit -4 Digital Information Resources: Pathfinder services (focus on IR, OER, databases, consortia, virtual library)

Module 3: Digital Information Resources: access and policies

Unit -5 Access mechanism

Unit -6 Access policies and licences

Module 4: Initiatives for Information Policies

Unit -7 Global initiatives

Unit -8 National initiatives

COURSE 3: AUTOMATED LIBRARY SYSTEMS (BRC)

Module 1: Library Automation: Overview Unit 1: Introduction to Library Automation Unit 2: Components of Automated Library System	Unit 1: what, why, advantages; Historical development; Integrated Library System (ILS) - general requirements, steps and implementation; Trends; Unit 2: Procedural model; Systems and Sub-Systems; Acquisition subsystem, Cataloguing subsystem, Circulation subsystem and Serials control subsystem; User Interface, Administration
Module 2: Library Automation: Standards and Software Unit 3: Standards and Software related to Library Automation Unit 4: Workflow of Automated Library System	Unit3: Standards, Software and requirements for dependent hardware; Unit4:

Module 3: Library Automation: Sub-System and Workflow Unit 5: Installation, configuration and customization Unit 6: ILSs – Subsystems and modules	Unit 5: Installation, configuration and customization Unit 6: ILSs – Subsystems and modules
Module 4: Library Automation: Administration and Modern Trends Unit 7: ILS Administration and User Interface Unit 8: Recent Trends in Library automation	Unit 7: ILS Administration and User Interface Unit 8: Recent Trends in Library automation (Upto LSP)

We can use egyptankosh Materials for this entire paper

COURSE 4: DIGITAL LIBRARY SYSTEM (BRC)

Module(s)/ Unit(s)	<u>Focus area</u>
Module 1: Digital objects of Libraries Unit 1: Digital Objects/ Resources Unit 2: Digital Resource Management	Unit 1: Scope, Organization of DO, Crosswalks and Interoperability, Tools, Standards Unit 2: Content Management – what, why, types and use; Content management – principles, models, workflows and best practices; Content management software; Text retrieval ; Text retrieval engines – scope, features and utilities; Retrieval features of selected text retrieval engines – Apache-Solr, Lucene, MGPP and Zebra; Content Designation and Metadata Encoding (Metadata Models, Dublin Core, LMRI); Research Data Management engines – scope, features and utilities; Retrieval features of selected text retrieval engines – Apache-Solr, Lucene, MGPP and Zebra; Content Designation and Metadata Encoding (Metadata Models, Dublin Core, LMRI); Research Data Management
Module 2: Architecture of IR Unit 3: Digital Library System: Architecture of IR Unit 4: Digital Library System: User	Unit3: (Web architecture – models, standards, protocols, tools and technologies; <ul style="list-style-type: none"> • Web databases - technologies, standards and tools; products and services;

interfaces	<ul style="list-style-type: none"> • Architecture of digital library systems - design issues, design principles and models; • Information retrieval in digital library systems - retrieval models for digital library systems, use of vocabulary control devices, text retrieval tools – types, features and comparisons (Lucene, MGPP, Solr), search techniques – Boolean, relational and positional operators etc and study of information retrieval features of selected digital library systems; <p>Unit 4: User interfaces of digital library systems – models, frameworks, design issues, principles, standards and study of user interfaces of selected digital library systems.)</p>
Module 3: Design and Development of Digital Library Systems	<p>Unit: 5 Centralized Processing and Distributed Access;</p> <p>Unit 6: Distributed Processing and Distributed Access</p>
Module4: Digital Library Software	<p>Unit 7: Software: Installation, Configuration, Organisation</p> <p>Unit 8: Recent Trends</p>

COURSE 5: INFORMATION REPRESENTATION AND RETRIEVAL (BRC)

Module(s)/ Unit(s)	Focus area
<p>Module2: Information Representation & Retrieval: Languages</p> <p>Unit 3: Languages in Information Representation and Retrieval</p> <p>Unit 4: Retrieval Techniques and Query Representation</p>	<p>Unit3: (NLP; Controlled Vocabulary; IR Thesaurus: structure, standards, SKOS compatibility;</p> <p>Unit4: Retrieval Techniques (Basics: Boolean, Case Sensitive, Truncation, Proximity, Field, Pattern, Fuzzy, Weighted, Query Expansion, Multiple Database Searching); Retrieval Performance (Recall/Precision); Search Strategies (Building block, Snowballing, Successive, quick/Convenient)</p>
<p>Module:3 Information Representation & Retrieval: Models & Systems</p> <p>Unit 5: IR Models</p> <p>Unit 6: IR System</p>	<p>Unit 5:</p> <p>Boolean Logic Model, Vector Space Model, Probability Model, Latent Semantic Indexing (LSI)</p>

<p>Unit 7: IR Systems –Evaluation</p>	<p>Unit 6: Online, CD ROM, OPAC, Discovery Tools, Multi-lingual IR System Unit 7: Evaluation Measures for Information Representation (Accuracy, Brevity, Consistency, Clarity, Objectivity, Readability, Usability) Evaluation Measures for Information Representation (Recall, Precision, Fallout), Evaluation Criteria,</p>
<p>Module4: AI & Information Retrieval Unit 8: Artificial Intelligence in Information Representation and Retrieval Overview, NLP, Intelligent Agents, Impact</p>	<p>Unit 8: Overview, NLP, Intelligent Agents, Impact</p>

COURSE 6: LIBRARY AND INFORMATION SYSTEM MANAGEMENT(TT)

Module: 1 Management Perspectives

Unit 1 Principles of Management and Management Functions

Unit 2 Managerial Quality and Leadership and Schools of Management Thought

Module: 2 System Analysis

Unit 3 System Analysis, Design and Work Flow

Unit 4 Monitoring and Evaluation Techniques

Module: 3 Personnel Management

Unit 5 Principles of Personnel Management and Manpower Planning

Unit 6 Quality Improvement Programmes

Module:4 Financial Management and Marketing of Library and Information Product and Services

Unit 7 Budgeting and Budgetary Control System

Unit 8 Marketing and Marketing Strategies

COURSE 7: RESEARCH METHODOLOGY AND ACADEMIC METRICS (AD)

Module 1: Fundamentals of Research Methodology

Unit -1 Basic concepts (characteristics, definition, objectives, significance, etc. of research; Types of research depending upon different characteristics; Research design and steps of research)

Unit -2 Social implications and ethical aspects of research

Module 2: Steps in scientific methods of research

Unit -3 Defining research problem; Review of Literature

Unit -4 Methodology for Data collection (Sampling; : tools and techniques)

Unit -5 Methodology for Data organisation and analysis: Basic statistics

Module 3: Research communication

Unit -6 Report writing

Unit -7 Research communication (Channels; Promotions)

Module 4: Academic Metrics: Tools and techniques

Unit -8 Academic Metrics

Unit -9 Tools and techniques

GROUP A

COURSE 8.1: PRESERVATION AND CONSERVATION OF LIBRARY MATERIALS (TT)

Module: 1 Preservation and conservation: Basic Concepts

Unit 1: Need of Preservation and Conservation, Evolution of Writing Materials

Unit 2: Different types of Library Materials

Module:2 Enemies of Library Materials

Unit 3: Physical and Chemical Agents

Unit 4: Biological Agents

Module: 3 Preventive Measures and control deterioration

Unit 5: Rehabilitation of Documents, Repair and Preservation of Digital Objects

Unit 6: Environmental Control and control of Micro-biological Agents

Module:4 Binding

Unit 7: Different Types of Binding, Binding Materials and varieties

Unit 8: Binding Process

COURSE 8.2: ACADEMIC LIBRARY SYSTEM (TT)

Module: 1 Academic Library: Basic Concepts

Unit 1 Academic Library: Definition, Role in Academic Support System

Unit 2 Kinds of Academic Library and Academic Libraries in Ancient and Mediaeval India

Module: 2 Collection Development

Unit 3 Collection Development Policies, Procedure and Problems

Unit 4 Cooperative Collection Management

Module: 3 Resource Sharing

Unit 5 Organisation of Resource Sharing, Portals, Vortals; Gateways in Academic Libraries

Unit 6 Networking and Database Services

Module: 4 Human Resource Development

Unit 7 Staff Pattern, Human Resource, Training and Orientation

Unit 8 Motivation and Staff Participation

COURSE 8.3: PUBLIC LIBRARY SYSTEM (TT)

Module: 1 Public Library: Basic Concepts

Unit 1 Public Library and Society and Promotion and Development of Public Library System

Unit 2 Library Policy and Legislation

Module: 2 Management of Public Library System

Unit 3 Organisational Structure of Public Library System, Public Library Standards

Unit 4 Governance and Performance, Evaluation Public Libraries

Module: 3 Resource Development in Public Library System

Unit 5 Physical and Documentary Resources

Unit 6 Resource Mobilisation and Financial Resources

Module: 4 Public Library Services

Unit 7 Different Library Services and use of ICT in Public Library

Unit 8 Resource Sharing and Networking

COURSE 8.4 COMMUNITY INFORMATION SYSTEMS AND SERVICES (BRC)

Module(s)/ Unit(s)	Focus area
Module2: Community Information Resources: Organization and Access Unit 3: Community Information Resources: Organization <u>Unit 4:</u> Community Information Resources: Access	<ul style="list-style-type: none"> • Community Information Resources – data formats and metadata initiatives, bibliographic format vs. Community information format, and other initiatives; • Organization of Community Information Resources <ul style="list-style-type: none"> ◦ Need of organization and Requirements for organization; ◦ Content designators – CCF/F and MARC 21 CIF. ◦ Metadata – Schemas and Encoding; • Integrated processing of Community Information Resources and Bibliographic Resources, Subject Access to Community Information Resources – Vocabulary control tools; Access to Community Information Resources – Media and Mechanisms; <p>Unit 4: Community Communication and Interaction: Tools, Techniques and Processes; Social Tagging.</p> <p>Unit 7: Single-window Search Interface of Community Information Services: Models and Applications; Full-text searching in Discovery Layer, Faceted Navigation and other search utilities.</p> <p>Unit 8: Multilingual Community Information Services: Indic Script based interface, processing and retrieval.</p>

COURSE 8.5: SPECIAL LIBRARY SYSTEMS (AD)**Module 1: Special Libraries and their features**

Unit 1: Special Library: Definition, features, objectives, types of Special libraries, etc.

Unit 2: Knowledge management and Services in special libraries, Social implications

Module 2: Subject-oriented special libraries

Unit 3: Medical libraries; Juridical libraries

Unit 4: Theological libraries

Module 3: User specific libraries

Unit 5: Secretariat libraries; Correctional home libraries; Library services for Divyangjan

Unit 6: Research libraries

Module 4:

Unit 7: News libraries; Museum libraries, Manuscript libraries

Unit 8: Performing Arts libraries

COURSE 8.6: KNOWLEDGE DISCOVERY AND DATA MINING (AD)

Module 1: Foundations of Data Mining

Unit -1 Foundations of Data Mining

Unit -2 Stages of data mining process

Module 2: Data Mining Models and Algorithms

Unit -3 Overview of main methods of data mining

Unit -4 Data mining models and algorithms

Module 3: Knowledge Discovery

Unit -5 Data Warehousing. Physical data warehouse design. Data cleaning

Unit -6 Knowledge discovery process and Information Retrieval

Module 4: Tools/ Technologies

Unit -7 Data warehousing and OLAP

Unit -8 Practising SQL

COURSE 8.7: NATURAL LANGUAGE PROCESSING (AD)

Module 1: Introduction to Natural Language Processing

Unit -1 Python basics

Unit -2 Working with Text files

Module 2: Text pre-processing

Unit -3 Regular expressions and Tokenization

Unit -4 Stemming, Lemmatization; Stop Word Removal; Normalization

Module 3: POS & NER

Unit -5 Parts of Speech; Named Entity Relation

Unit -6 Visualising POS and NER

Module 4: Application of NLP

Unit -7 Text Classification and Topic Modelling

Unit -8 Semantic Analysis; Sentiment Analysis

COURSE 8.8 :DIGITAL HUMANITIES (BRC)

Module(s)/ Unit(s)	Focus area
Module 2: Digital Humanities: Impact	Unit 3: Teaching and Pedagogy; Mapping, Visualisation, Social network analysis Unit 4: Planning, Funding, and Digital Preservation;

COURSE 8.9: OPEN KNOWLEDGE SYSTEMS (BRC)

Module(s)/ Unit(s)	Focus area
Module 1: Open Knowledge System - Mandate, Policies and Licensing Unit1: Open Knowledge System: Fundamentals Unit2: Open Knowledge System: mandates and policies	Unit 1: Unit 1: Open Access -nature, features, need and advantages; Open knowledge movement (history and landmarks); OA initiatives – global and national levels. Unit2: : OA declarations, mandates and policies – need and types; Policies and Mandates for Open Access; Types of Policies; Issues Related to Open Access Policies; Importance of Open Access Mandates; Implementing Open Access Policies; Countries with OA Legislation; Towards OA Policy Framework; OA rights (author addenda) and licensing (Creative Commons and others);
Module 2: Open Content Management Unit 4: Software and Systems Unit 4: Harvesting & Integration	Unit 3: Open source – Software, standards, Tools; Open source – Software; Open source – standards; Open source – Tools; Trends and future.OA Content Management: Overview; Best Practices; Content Management in Green OA; Content Management in Gold OA; Integration of Open Contents and Library Resources; Citation Management Unit 4: Harvesting & Integration: Institutional Repositories; Need of Single Window Search Interface; Harvesters; Interoperability &

	Crosswalk: Standards and Tools; OAI/PMH Mechanism; Designing Harvesting Framework; Integration of Open Access with Repositories
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OER Materials are available

COURSE 8.10: INCLUSIVE INFORMATION SERVICES (AD)

Module 1: Inclusive Information Service

- Unit -1 Information Service: Definition, Purpose, Components, role of LICs, etc.
- Unit -2 Inclusive Community: Social Inclusion, Social Protection, Human Rights

Module 2: Information needs and Barriers of different Inclusive Communities

- Unit -3 Differently abled: Physically disabled; Intellectually differentiated persons:
Mentally disabled
- Unit -4 Marginalised community; LGBTQI community, Others

Module 3: Strategies for Inclusive information services in LICs

- Unit -5 Architecture and developing library collections; Overcoming Physical barriers
- Unit -6 Attitude and management, Training, Services and activities of LIS professionals

Module 4: Factors and support-mechanisms

- Unit -7 Technology supported access/ Assistive Technology
- Unit -8 Government initiatives (Policies, Acts, Regulations; Role of UNESCO)

COURSE 8.11: LIBRARY SUPPORT IN E-LEARNING SYSTEMS (BRC)

E-Learning

1. E-Learning definition, scope, trends, attributes & opportunities
2. Pedagogical designs for e-learning (completely online, blended learning (mix of face-to-face and online), and use of online as supplement)
3. Online learning management systems
4. E-learning Tools
5. Digital learning objects (Learning object repositories, Subject-specific Repositories, Image repositories, Video repositories)
6. Digital Resources Access (OAJ, OATD, OER, OAB)
7. Online learning course development models
8. Management and implementation of e-learning
9. Traditional LIS education versus e-learning
10. E-learning initiatives in India
11. E-learning initiatives in LIS
12. Library services in e-learning system

13. Library supports to learners.
14. Library professionals' attitude towards learners

SPS

Proposed Syllabus (New)**Bachelor of Library and Information Science (B.Lib.I.Sc.)**

Paper	Name of the Paper
Paper - I	Fundamentals of Library & Information Science
Paper - II	Management of Libraries and Information Centers
Paper - III	Document Classification Theory
Paper - IV	Document Classification (Practice)
Paper V	Document Cataloguing (Theory)
Paper - VI	Document Cataloguing (Practice)
PAPER VII:	Information Sources and Services

Program Objectives

- To opens up good possibilities to promote a better learning opportunities, fit with the local contextual and cultural needs.
- To increase enrolment ratio by creating awareness amongst the said community prospective learners of the marginalised communities.
- To increase accessibility of education through information and communication technology to widen the scope and coverages of the educational system.
- To motivate learners in research work.
- To raise the standard of our learners at per global standards and make them employable;
- To provide a platform to the learners to exhibit their talents & creativity.

Learning Outcomes

- ✓To create professionally learned society;
- ✓To create a bunch of skilled professional who are responsible to manage, organise and navigate whole educational system by facilitating right information to the right people at any time to any people.
- ✓To dedicate their professional career for the development of the subject-domain by catering services in different academic libraries. Special libraries, public libraries, research centers, government departments, non-government organisations.
- ✓A learned society who are able to pull-up a good number of upcoming generation for sustainable subject development. Library Professional like library assistant,

library trainee in University/Colleges, Information Centers, Industrial organisation, Research Library, Special Library, Public Library. School Librarian, Even students can do freelancing with the appropriate skill.

✓To contribute to store, retrieve, and use that information through professional service, and assist in the transfer of the knowledge/ information for their research and day-to-day

Course/ Paper Objectives

Paper	Name of the Paper	Objectives
Paper I	Fundamentals Of Library & Information Science	<p>After going through this paper learners will be able to:</p> <ul style="list-style-type: none"> • Provide learners with learning experiences that help to acquire deep interests in learning Library and Information Science; • Develop extensive knowledge and understanding of fundamental concepts, principles, and theories related to Library and Information Science. • Connect relationships between libraries and society as a whole.
Paper - II	Management Of Libraries And Information Centres	<p>After going through this paper learners will be able to:</p> <ul style="list-style-type: none"> • explain the meaning and purpose of management; • Know about different theories and levels of management like scientific management Neo classic management through which they will opt required managerial skills for smooth running of library; and • Identify Financial Management includes Budgeting, statistics etc.
Paper - III	Document Classification Theory	<p>After going through this paper learners will be able to:</p> <ul style="list-style-type: none"> • obtain the meaning of terms and their use in the theory and practice of library classification. • identify the meaning, need, purpose and function of library classification, • understand technical terminology in a Library Classification ; and

		<ul style="list-style-type: none"> • obtain expertise knowledge into the underlying principles and characteristic features of DDC and CC
Paper - IV	Document Classification (Practice)	<p>After going through this paper learners will be able to:</p> <ul style="list-style-type: none"> • explain the salient features of the Dewey Decimal Classification; • describe the three volume text of DDC 23rd edition; • explain the steps in practical classification. • explain the meaning of various types of notes and instructions to implement in an • entry; • apply the instructions while constructing a class number for a subject; • Use seven auxiliaries table • Understand the nature of synthesis to build classification number • explain the salient features of the Colon Classification scheme • explain the facet formula for each main classes and construct class number for books with subjects belonging main classes • understand the recent trends in classification.
Paper V	Document Cataloguing (Theory)	<p>After going through this paper learners will be able to:</p> <ul style="list-style-type: none"> • explain the objectives and functions of a library catalogue; • describe the different physical forms of library catalogues; • list the different types of inner forms and outer forms of a library catalogue
Paper - VI	Document Cataloguing (Practice)	<p>After going through this paper learners will be able to:</p> <ul style="list-style-type: none"> • understand the structure of Anglo-American Cataloguing Rule and Classified Cataloguing Code; • able to distinguish different areas of descriptions to be included in the catalogue of books, maps, CD/DVDs, Journals etc.

Module 3: Profession, Public relations and Extension activities

Unit 9: Occupation, Vocation and Profession, Attributes of Profession, Librarianship as a profession in India and abroad, Professional ethics and Duties of Library and Information workers, Information ethics

Unit 10: Professional associations and their role in Library development – State, National and international (LA, ALA, ASLIB)

Unit 11: Public relations and Libraries – Definition facts and programs.

Unit 12: Community Information Services in India and abroad, local history, Collection and Area profile

Module 4: Information Society

Unit 13: Information Science: Origin and developments, scope and coverage, Relationship with other disciplines and professions (Information Brokers/dealers/Communicators)

Unit 14: Information Communication: Types of Barriers and Models

Unit 15: Information Society: Social implications: Genesis; the changing role of Information institution and information professionals

Unit 16: Information Policies: Nationals and Internationals plans, Policies and programs relating to information for development with special reference to India and developing countries

PAPER: II: MANAGEMENT OF LIBRARIES AND INFORMATION CENTRES

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assingment: 100

(Weightage: 20 %)

Module 1: Basics of Library Management

Unit 1: Organisation, administration and management - basic concepts and differences; POSDCORB

Unit 2: Scientific Management; Application of scientific management of libraries; libraryorganizational structure

Unit 3: Library planning: Library building; furniture and equipment – their standards

Unit 4: Library Committee – types and functions; Library rules

Module 2: Library Systems & functions

Unit 5: Library as a system; subsystems of Library:

Unit 6: Acquisition subsystem – meaning, procedure; Books selection – principles, tools and techniques, problems; Accession register; importance and problems of periodical acquisition and solution; records of periodical section; acquisition of non-print materials – need, purpose, procedures and techniques

Unit 7: Collection development – policies, procedures, evaluation and weeding; Resourcesharing

Unit 8: Processing subsystem – flow chart of processing section – classification, cataloguing and other processing work: manual and automated processing work

Unit 9: Circulation subsystem – routine of circulation section; methods of charging and discharging: Manual and automated systems; renewals and reservation

Unit 10: Maintenance subsystem – routine of maintenance section, stock verification and shelf rectification; book and periodical binding need and procedure, importance and standards; preservation and conservation of library materials – needs, importance and selected methods

Module 3: Personnel and Financial Management

Unit 11: Personnel Management – staff formula, staff manuals; Selection and recruitments, Training & development

Unit 12: Job analysis, Job description, Job Evaluation

Unit 13: Financial Management: sources of library finance, budget estimation; preparation of library accounts; auditing

Module 4: Library Records and statistics

Unit 14: Library records – types and importance; library meeting – notice and agenda; resolution Recordings, proceedings; Annual report – components and compilation

Unit 15: Library statistics – purpose, need and types; a collection of data; analysis of data; The measure of central tendency - mean, median and mode; presentation of data – bar diagram, Histogram, frequencies polygon, pie chart and run-charts

Unit 16: Application of statistical methods in different library activities; library

Syllabus of Paper 3: Document Classification Theory

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assignment: 100

(Weightage: 20 %)

Module 1: Basics of Classification

Unit 1: Classification meaning and significance

(Classification in general associated concepts relation between knowledge classification and document classification)

Unit 2: Library Classification: Meaning, Purposes and Functions

(Arrangement Of Documents in a Library, Searching Approaches, Library Classification Purpose and Functions)

Unit 3: Five Laws and Library Classification

Unit 4: Classification Schemes: Kinds and Components

Module2: Universe of knowledge

Unit 5: Classification Definition Attributes and Structure

Unit 6: Subjects: Concept and Types

Unit 7: Modes of Formation of Subjects, Facets, Spaciators, Phase Relation and Indicator Digits

Unit 8: Mapping of Subjects in the Classification Scheme

Module 3: Theories and Approaches to Document Classification

Unit 9: Theories of Library Classification

Unit 10: Notational System: Kinds Qualities Mnemonics and Devices

Unit 11: Normative Principles of Classification, Postulation Approach, Planes of Work

Unit 12 Steps Involved in Practical Classification Call Number and Its Parts

Module 4: Introduction to Selected Classification Schemes and Modern Trends

Unit 13: DDC: Introduction

(Genesis, evolutionary History, basic principles and structure, Introduction to 1st, 15th, 19th 21st, 22nd and 23rd and abridged edition, theoretical aspect of 19th edition, revision mechanism and maintenance evaluation process changes and wave Dewey)

Unit 14: CC: Introduction

(Genesis evolutionary history basic principles and structure theoretical aspect of 6th edition revision mechanism and maintenance evaluation process)

Unit 15: UDC: Introduction

(Genesis evolutionary history basic principles and structure theoretical aspect of 6th edition revision mechanism and maintenance evaluation process)

Unit 16: Role of Organisation and Classification of Electronic Resources and Automated Classification

PAPER IV: DOCUMENT CLASSIFICATION (PRACTICE)

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assignment: 100

(Weightage: 20 %)

Module 1: Subject-Topic-Discipline in DDC

Unit 1: Main Structure of DDC- Main Class, Division and Sections

Unit 2: Determining the subject of a work

Unit 3: Determining discipline of work- more than one subject in the same discipline, more than one discipline, Table of last resort

Unit 4: Summaries- Top three levels, two levels, single-level summaries

Module 2: Notation and Number Building in DDC 23rd edition

Unit 1: Principle of Hierarchy- Structural Hierarchy, Notational Hierarchy

Unit 2: Notes- Class Note, Including Note, Other Class Note, Change in Schedule and Table Note

Unit 3: Number Building- Adding- Adding Notations from Table 1 to 7, Adding from other parts of the Schedule, Adding from Table found in the Schedule

Unit 4: Citation and Preference Order

Module 3: Relative Index of DDC

Unit 1: Arrangement and format of the Relative Index

Unit 2: Interdisciplinary Number

Unit 3: Terms included in the Relative Index

Unit 4: Terms not included in the Relative Index

Module 4: Number Building in CC

Unit 1: Subject analysis, Fundamental categories, Array and Chain, Synthesis, Round and levels

Unit 2: Common Schedule- Space, Time, Languages; Common Isolates

Unit 3: Main Class, Canonical Class, Amplified Main Class, Complex Class (Phase Relation)

Unit 4: Parallel Schedule, Differential Facets, Filing Sequence, CC Index

Paper V: DOCUMENT CATALOGUING (THEORY)

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assignment: 100

(Weightage: 20 %)

Module 1: Basics of Document Cataloguing

Unit 1: Library catalogue and cataloguing - definition, objectives and functions

Unit 2: difference with other bibliographic files (accession register, shelf list, bibliography)

Unit 3: physical forms and inner forms of the library catalogue, Choice of physical and inner forms of library catalogue for libraries

Unit 4: Kinds of entries, their need and functions; Entry format – Main entry and Added entry, Alternative heading methods, Unit Card System.

Unit 5: Access Points – Choice of Heading: Personal Authors (Western and Indic Names); Corporate Authors; Pseudonym, Anonymous Works and Uniform Titles

Unit 6: Filing of Catalogue entries: meaning, Purpose; Filing of Classified entities and Alphabetical arrangement

Module 2: Development of Codes and Standards

Unit 7: Evolution of catalogue; Development of cataloguing codes

Unit 8: Cataloguing principles, starting from Cutter to ICCP 2009 including Ranganathan's Normative Principles

Unit 9: Bibliographic standards: ISBD, CCF, MARC and exchange formats ISO 2709

Unit 10: Recent Developments in document cataloguing – cataloguing networks, OPAC; FRBR and RDA

Module3: Subject Cataloguing

Unit 11: Subject catalogue – concept and purpose

Unit 12: List of subject headings: Sears' and LC

Unit 13: Other methods of subject cataloguing; Indexing systems; Formation of Bengali Subject Headings

Module 4: Economy in Cataloguing and organization of Cataloguing Department

Unit 14: Centralized and cooperative cataloguing, CIP / Pre-natal cataloguing, Cataloguing-in-publication; Union Catalogue; Descriptive Cataloguing and Limited cataloguing

Unit 15: Organization of cataloguing Department

PAPER: VI: DOCUMENT CATALOGUING (PRACTICE)

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assignment: 100

(Weightage: 20 %)

Module 1: Basic Concepts and Genesis

Unit: 1: Cataloguing: introduction; Descriptive Cataloguing: rules and procedure

Unit: 2: Cataloguing rules: AACR2R- Main Entry, Added Entry; Reference Entry, Analytical Entry, Unit Card System, Alternative Heading

Unit: 3: Cataloguing Rules: CCC 5th edition with amendments- Entries related to CCC

Unit: 4: Filing rules related to AACR entries and CCC entries.

Module2: Cataloguing Entry: AACR II

Unit: 5: Description; levels of description: General rules for description

Unit: 6: Rules for Books, Pamphlets and Printed sheets

Unit 7: Rules for Serial Publications

Unit: 8: Rules for Capitalisation, Abbreviations and Numerals

Module3: Choice and rendering of Access Points

Unit: 9: Personal authorship including Pseudonym; Shared and mixed responsibility; Works produced under editorial direction.

Unit: 10: Corporate Body- Government, Institution and Conference

Unit: 11: Subject access by Sears List of Subject Headings

Unit: 12: Cataloguing of Documents published in the Bengali language

Module4: CCC: Description, Choice and Rendering of Access points

Unit: 13: Rules for Description- Monographs, Multivolume Books, Governments Documents and Reports, Conference Proceedings

Unit: 14: Personal Author- Single, Two more than two authors, pseudonym, Collaborators

Unit: 15: Corporate Authors- Government, Institution and Conference

Unit: 16: Subject access through Chain Indexing

PAPER VII: INFORMATION SOURCES AND SERVICES

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assignment: 100

(Weightage: 20 %)

Module 1: Information Sources*

Unit 1: Basics of Information Sources. Documentary and Non-documentary Sources of Information. Primary, Secondary and Tertiary Sources of Information. Importance of various forms of Information Sources. Information generation process and the role of Library and Information Centre.

Unit 2: Reference Tools: Dictionaries, Encyclopaedias, Directories, Yearbooks and Almanacs, Biographies, News Summaries, Geographical and Statistical sources of information – Concept, function, use and types.

Unit 3: Bibliographies – Concepts, function and use; Types – subject, trade, national and universal bibliographies. Study of Abstracting and Indexing Tools – Physics Abstracts, Library and Information Science Abstracts, Science Citation Index, Social Science Citation Index, etc.

Unit 4: Evaluation of secondary and tertiary sources of information. The organisation of the Reference Service department of a Library.

*Tools Study – Students are required to submit four practice sheets for any two print reference sources and two online reference sources selecting not more than one from each type (as a part of the Home Assignment for this paper).

Module 2: Information Systems, Networks and Centres

Unit 5: Information Systems - Concepts, Evolution, Development, Activities and Types. Role of UNESCO and other International Agencies in developing information systems.

Unit 6: International databases and systems in specialized branches of knowledge – AGRIS, INIS, MEDLINE, BIOSIS, INSPEC, CAS, ENVIS, etc.

Unit 7: Structure and Services of different National Information Systems and Networks – NASSDOC, DESIDOC, DOC, DELNET, INFLIBNET, NISCAIR, etc.

Unit 8: National Information Centres on different subject fields – National Centre for Advanced Ceramics (CSIR-UGCRI, Kolkata), National Centre for Food Technology (CSIR-CFTRI, Mysore), National Information Centre for Indian languages (Central Institute of Indian Languages, Mysore), National Information Centre in Women Studies (SNDI Women's University, Mumbai), etc.

Module 3: Information Services

Unit 9: Information Services – Concept, Theories, Types and Activities.

Unit 10: Reference and Referral Service: Concepts and theories, Reference queries – interview and analysis of users' demand and search techniques for rendering effective reference service.

Unit 11: Information Alerting Services – Current Awareness Service (CAS), Selective Dissemination of Information (SDI) Service, Indexing and Abstracting Services, Newspaper Clipping and News briefing Service.

Unit 12: Document Delivery Service, Translation Service (including Tools and Pools), Bibliographic Service, Reprographic Service

Module 4: Digital Information Sources and Services

Unit 13: Digital Information Sources – Concept, evolution, characteristics and types. Differences with traditional information sources. Online and Offline Information Sources – their nature, attributes, types and relative advantages and differences. CD-ROM databases. Open access information sources.

Unit 14: E-Journals – Concept, evolution, and advantages. Differences with print journals. The problem of accessing E-Journals in India. Evolution and development of E-Journals Consortium in India – its types and advantages. Objectives, Structure and Services of FORSA, INDEST, UGC-INFONET and CSIR-NET E-Journals Consortiums.

Unit 15: Search engines – evolution, development, types – general, special and meta-search engines – their functionalities and specialities, Search engines used for specialized subjects. Federated Search Engines – Concept and use.

Unit 16: Need for Reference Service in a digital environment. Virtual Reference Service. Bulletin Boards, Blogs, FAQs, RSS feeds, Ask-a-Librarian, etc.

PAPER VIII: Computer Fundamental

Full Marks: 100

Final Examination: 100

(Weightage: 80%)

Assignment: 100

(Weightage: 20 %)

Module 1: Computer Basics

Unit 1: Computer Genesis

- History, Generation and types
- Workflow of a computer system
- Types, Features and advantages of digital computers

Unit 2: Components of Computer System

- Physical components
- Logical components

Unit 3: Input Devices and Output Devices

- General input devices
- Features of input devices
- Barcode, and RFID as input systems in the library
- General output devices

Unit 4: Text Encoding format & File Format

- File Formats
- Text Encoding
- [ASCII, ISCII, Unicode – 8/16/32, UCS]

Module 2: Computer: File Systems, Software

Unit 5: Storage System and Devices

- Storage: Types, Roles, Units
- Storage Format (File Formats)
- Magnetic media & Optical Media in detail

Unit 6: Operating Systems and Utility Programmes

- OS- Roles and Types
- Single User- Multi Tasking OS (DOS & Windows)
- Multi-user- Multi-Tasking OS (Unices and Open Source OS)

Unit 7: Application Software

- Word Processing Domain
- Spreadsheet Domain
- DBMS domain

(Emphasis on open source applications for the above domains)

Unit 8: Internet and Worldwide Web (Computer Network)

- Computer Networks- Concepts types
- Internet- Features, Protocols, and Services/tools
- WWW- features; as library services platforms

Module 3: Library Automation

Unit 9: Computerization of Library Management

- Library as a system
- Procedural model of library automation
- Advantages and Processes of library automation

Unit 10: Library Automation Workflow

- Acquisition, cataloguing and circulation
- Serials control, Member management and report generation
- System setting and administration

Unit 11: Automated Library System: Software Requirements

- LMS: System requirements and Functional requirements
- LMS: Types and examples
- LMS: Selection criteria, RFCs and Best practices

Unit 12: Library Management Software

- Categories of LMSs in India
- Popular Commercial LMSs in India – Overview and features
- Matured open source LMSs -Overview and features

Module 4: Library Repository and Networks

Unit 13: Digital Library and Repository

- Three Era of Modern Library
- Digital library – features and advantages; differences with the automated library system
- Repositories – institutional, subject-specific, educational resources

Unit 14: Initiatives of Digital Library and Repository

- Major DL initiatives – Global & Indian
- Major IDR initiatives – Global & Indian
- Major Learning Object Repositories - Global & Indian

Unit 15: Information and Library Network Systems

- Library Networks- Needs Types and Services
- Major Library Networks- Global and Indian
- Major Library Consortia- Global and Indian

Unit 16: Online Resource Database

- Database- Types (Contents & Media) and features
- Bibliographic Databases
- Full-text Databases

LIST OF UNIVERSITY USERS IN ORIGINAL (URKUND) AS ON 19.10.2022:

Id	Date	Name	Personal Email	Account Email	Org A
R452 336	2019-09- 17T14:11:00	NSOU	nsou@wbnsou.ac.in	nsou.wbnsou@analysis.arkund.com	Admin
R506 088	2019-12- 05T07:11:00	Anamika Das	anamikansoubangla@gmail.com	anamikansoubangla.wbnsou@analysis.arkund.com	Bengali
R506 089	2019-12- 05T07:11:00	Manan Kumar Mandal	mkmnsou@gmail.com	mkmnsou.wbnsou@analysis.arkund.com	Bengali
R506 090	2019-12- 05T07:11:00	Pratul Kumar Pandit	drpratulpandit1955@gmail.com	drpratulpandit1955.wbnsou@analysis.arkund.com	Bengali
R506 091	2019-12- 05T07:11:00	Tapan Dutta	stapandatta@gmail.com	stapandatta.wbnsou@analysis.arkund.com	Bengali
R506 086	2019-12- 05T07:11:00	Nanda Dulal Paria	ndparia08@gmail.com	ndparia08.wbnsou@analysis.arkund.com	Botany
R506 087	2019-12- 05T07:11:00	Sandip Das	sandipdas@wbnsou.ac.in	sandipdas.wbnsou@analysis.arkund.com	Botany
R506 083	2019-12- 05T07:11:00	Asimesh Dutta Gupta	adutttaguptaa@gmail.com	adutttaguptaa.wbnsou@analysis.arkund.com	Chemistry
R506 084	2019-12- 05T07:11:00	Goutam Kr. Mukherjee	gkumkherjeeonline@gmail.com	gkumkherjeeonline.wbnsou@analysis.arkund.com	Chemistry
R506 085	2019-12- 05T07:11:00	Sintu Ganai	sintuganai@gmail.com	sintuganai.wbnsou@analysis.arkund.com	Chemistry
R506 080	2019-12- 05T07:10:00	Anirban Ghosh	anirban1972@gmail.com	anirban1972.wbnsou@analysis.arkund.com	Commerce
R506 081	2019-12- 05T07:10:00	Sudarshan Roy	professorsudarshan@gmail.com	professorsudarshan.wbnsou@analysis.arkund.com	Commerce
R506 082	2019-12- 05T07:10:00	Uttam Kumar Dutta	uttam.dutta@yahoo.co.in	uttam.dutta.wbnsou@analysis.arkund.com	Commerce
R506 070	2019-12- 05T07:09:00	Mrinal Nath	mrinalnath.sosc@nsou.ac.in	mrinalnath.sosc.wbnsou@analysis.arkund.com	Education
R506 071	2019-12- 05T07:09:00	Asim Kr. Karmakar	iasimkkarmakar@gmail.com	iasimkkarmakar.wbnsou@analysis.arkund.com	Education
R506 072	2019-12- 05T07:09:00	Bibekananda Raychowdhury	brchaudhuri@gmail.com	brchaudhuri.wbnsou@analysis.arkund.com	Education
R506 073	2019-12- 05T07:09:00	Seikh Selim	seikhsalim0809@gmail.com	seikhsalim0809.wbnsou@analysis.arkund.com	Education
R506 074	2019-12- 05T07:09:00	Atindra Nath Dey	schooledu@wbnsou.ac.in	schooledu.wbnsou@analysis.arkund.com	Education
R506 075	2019-12- 05T07:09:00	Papiya Upadhyay	papiyaupadhyay19@gmail.com	papiyaupadhyay19.wbnsou@analysis.arkund.com	Education
R506 076	2019-12- 05T07:09:00	Parimal Sarkar	p.sarkar@wbnsou.ac.in	p.sarkar.wbnsou@analysis.arkund.com	Education
R506 077	2019-12- 05T07:09:00	Sanat Ghosh	sanatghosh.rbu@gmail.com	sanatghosh.rbu.wbnsou@analysis.arkund.com	Education
R506 078	2019-12- 05T07:09:00	Sumanta Chattaraj	schattaraj.mld@gmail.com	schattaraj.mld.wbnsou@analysis.arkund.com	Education
R506 079	2019-12- 05T07:09:00	Swapan Kumar Sarkar	swapan24x@yahoo.com	swapan24x.wbnsou@analysis.arkund.com	Education
R506 065	2019-12- 05T07:08:00	Himadri Lahiri	hlahiri@gmail.com	hlahiri.wbnsou@analysis.arkund.com	English
R506 066	2019-12- 05T07:08:00	Intaj Ali	intajalinsou@gmail.com	intajalinsou.wbnsou@analysis.arkund.com	English
R506 067	2019-12- 05T07:08:00	Srideep Mukherjee	srideep.nsoueng@gmail.com	srideep.nsoueng.wbnsou@analysis.arkund.com	English

LIST OF UNIVERSITY USERS IN ORIGINAL (URKUND) AS ON 19.10.2022:

Id	Date	Name	Personal Email	Account Email	Org A
R506 068	2019-12- 05T07:08:00	Jay Sankar Basu	jaysankarbasu@gmail.com	jaysankarbasu.wbnsou@analysis.arkund.com	English Language Teaching (ELT)
R506 069	2019-12- 05T07:08:00	Sumana Bandopadhyay	drsumanab@gmail.com	drsumanab.wbnsou@analysis.arkund.com	English Language Teaching (ELT)
R506 058	2019-12- 05T07:08:00	Niladri Sekhar Mandal	niladri.mondalenvs@gmail.com	niladri.mondalenvs.wbnsou@analysis.arkund.com	Environmental Science
R506 059	2019-12- 05T07:08:00	Biraj Kanti Mandal	m_biraj@yahoo.com	m_biraj.wbnsou@analysis.arkund.com	Geography
R506 060	2019-12- 05T07:08:00	Tinki Kar Bhattacharya	tinkikarbhattacharya@yahoo.com	tinkikarbhattacharya.wbnsou@analysis.arkund.com	Geography
R506 061	2019-12- 05T07:08:00	Chandan Basu	cbacademics@gmail.com	cbacademics.wbnsou@analysis.arkund.com	History
R506 062	2019-12- 05T07:08:00	Manosanta Biswas	manosantabiswas@gmail.com	manosantabiswas.wbnsou@analysis.arkund.com	History
R506 063	2019-12- 05T07:08:00	Ritu Mathur (Mitra)	ritu.mathurmitra@gmail.com	ritu.mathurmitra.wbnsou@analysis.arkund.com	History
R506 064	2019-12- 05T07:08:00	Soumitra Sreemani	sreemani.soumitra@gmail.com	sreemani.soumitra.wbnsou@analysis.arkund.com	History
R506 053	2019-12- 05T07:07:00	Arijit Ghosh	ari4u2005@gmail.com	ari4u2005.wbnsou@analysis.arkund.com	Journalism & Mass Com. (JMC)
R506 054	2019-12- 05T07:07:00	Anamika Das	anamikalib@rediffmail.com	anamikalib.wbnsou@analysis.arkund.com	Library & Information Science
R506 055	2019-12- 05T07:07:00	Anupam Ghosh	pikpam1973@gmail.com	pikpam1973.wbnsou@analysis.arkund.com	Library & Information Science
R506 056	2019-12- 05T07:07:00	Barnali Roy Choudhury	barna.chakrabarti@gmail.com	barna.chakrabarti.wbnsou@analysis.arkund.com	Library & Information Science
R506 057	2019-12- 05T07:07:00	Madhusri Ghosh (Upadhyay)	dylibrarian@wbnsou.ac.in	dylibrarian.wbnsou@analysis.arkund.com	Library & Information Science
R850 387	2022-10- 17T13:03:00	Prof. Arun Kumar Chakraborty	akchakraborty2009@gmail.com	akchakraborty2009.wbnsou@analysis.arkund.com	Library & Information Science
R506 050	2019-12- 05T07:06:00	Chandan Kumar Mondal	chandanmondal@wbnsou.ac.in	chandanmondal.wbnsou@analysis.arkund.com	Mathematics
R506 051	2019-12- 05T07:06:00	Kajal De	kajalde@rediffmail.com	kajalde.wbnsou@analysis.arkund.com	Mathematics
R506 052	2019-12- 05T07:06:00	Ratanes Misra	rm_for_math@yahoo.com	rm_for_math.wbnsou@analysis.arkund.com	Mathematics
R439 336	2019-08- 02T11:00:00	Dr. Sudeshna Chatterjee (Biswas)	drac@wbnsou.ac.in	drac.wbnsou@analysis.arkund.com	Nodal Officer
R506 041	2019-12- 05T07:06:00	Gahul Amin	gahulamin.sosc@wbnsou.ac.in	gahulamin.sosc.wbnsou@analysis.arkund.com	Physics
R506 042	2019-12- 05T07:06:00	Shiv Kr. Chakraborty	shib_chakraborty@yahoo.co.in	shib_chakraborty.wbnsou@analysis.arkund.com	Physics
R506 043	2019-12- 05T07:06:00	Barnana Guha Thakurta (Banerjee)	barnana_polsc@wbnsou.ac.in	barnana_polsc.wbnsou@analysis.arkund.com	Public Admin.
R506 044	2019-12- 05T07:06:00	Manoj Kumar Haldar	manojkumarhaldar@wbnsou.ac.in	manojkumarhaldar.wbnsou@analysis.arkund.com	Public Admin.

LIST OF UNIVERSITY USERS IN OUR ORIGINAL (URKUND) AS ON 19.10.2022:

Id	Date	Name	Personal Email	Account Email	Org A
R506 045	2019-12- 05T07:06:00	Provrat Kr. Mondal	provrat.mondalblp@gmail.com	provrat.mondalblp.wbnsou@analysis.arkund.com	Public Admin.
R506 046	2019-12- 05T07:06:00	Debojit Goswami	dj007chintu@gmail.com	dj007chintu.wbnsou@analysis.arkund.com	Public Admin.
R506 047	2019-12- 05T07:06:00	Kamal Pal	kamalpal122@gmail.com	kamalpal122.wbnsou@analysis.arkund.com	Public Admin.
R506 048	2019-12- 05T07:06:00	Pralaydeb Mukhopadhyaya	pralaydeb.mukherjee@gmail.com	pralaydeb.mukherjee.wbnsou@analysis.arkund.com	Public Admin.
R506 049	2019-12- 05T07:06:00	Sital Prasad Nag	sitalprasad1956@gmail.com	sitalprasad1956.wbnsou@analysis.arkund.com	Public Admin.
R506 031	2019-12- 05T07:05:00	Kalyani Kumari Sanyal	kalyankumarsanyal@gmail.com	kalyankumarsanyal.wbnsou@analysis.arkund.com	Social Work
R506 032	2019-12- 05T07:05:00	Kasturi Sinha Ghosh	kasturisghosh@gmail.com	kasturisghosh.wbnsou@analysis.arkund.com	Social Work
R506 033	2019-12- 05T07:05:00	Monojit Garai	monojit.garai@gmail.com	monojit.garai.wbnsou@analysis.arkund.com	Social Work
R506 034	2019-12- 05T07:05:00	Samir Kr. Dasgupta	samir_dasgupta2001@yahoo.co.in	samir_dasgupta2001.wbnsou@analysis.arkund.com	Social Work
R506 035	2019-12- 05T07:05:00	Ajit Kr. Mondal	akm.ajitkumarmondal@gmail.com	akm.ajitkumarmondal.wbnsou@analysis.arkund.com	Sociology
R506 036	2019-12- 05T07:05:00	Anupam Roy	anupam.nbu39@gmail.com	anupam.nbu39.wbnsou@analysis.arkund.com	Sociology
R506 037	2019-12- 05T07:05:00	Kumkum Sarkar	kumkumsarkar1954@gmail.com	kumkumsarkar1954.wbnsou@analysis.arkund.com	Sociology
R506 038	2019-12- 05T07:05:00	Srabanti Choudhury	srabantichoudhuri@gmail.com	srabantichoudhuri.wbnsou@analysis.arkund.com	Sociology
R506 039	2019-12- 05T07:05:00	Prabir Naskar	prabir2007_naskar@rediffmail.com	prabir2007_naskar.wbnsou@analysis.arkund.com	Special Education
R506 040	2019-12- 05T07:05:00	Antara Choudhury	antarachoudhury23@gmail.com	antarachoudhury23.wbnsou@analysis.arkund.com	Special Education
R506 027	2019-12- 05T07:05:00	Anirban Ghosh	aghosh06@gmail.com	aghosh06.wbnsou@analysis.arkund.com	Zoology
R506 028	2019-12- 05T07:05:00	Ashif Ahamed	ashifahamed46@gmail.com	ashifahamed46.wbnsou@analysis.arkund.com	Zoology
R506 029	2019-12- 05T07:05:00	Bibhas Guha	g.bibhas@gmail.com	g.bibhas.wbnsou@analysis.arkund.com	Zoology
R506 030	2019-12- 05T07:05:00	Sanjay Mondal	drsmandal@gmail.com	drsmandal.wbnsou@analysis.arkund.com	Zoology



NETAJI SUBHAS OPEN UNIVERSITY

DD 26, Sector – I, Salt Lake, Kolkata – 700064

Website: wbnsoou.ac.in, Tele-Fax: 03340663224, Ph: 03340663213

Report On Student Credit Card (SCC)

- Under the visionary leadership of Mamata Banerjee, Hon'ble Chief Minister, West Bengal, The Higher Education Department, Government of West Bengal has introduced the Student Credit Card Scheme (as per Gazette Notification No. 142L/OM-90L/2021 Dated: 30.06.2021) for the students of West Bengal.
- To enable them to pursue education without having any financial constraints.
- This scheme is designed to support the students to pursue Secondary, Higher Secondary, Madrasah, Undergraduate and Post graduate studies including professional degree and other equivalent courses in any School, Madrasah, College, University, and other affiliated institutes within and outside India.
- NSOU has introduced this scheme to benefit our students. A team has been formed [as per memo no. Reg/0707 Dated :14/07/2021(See Annexure I)] to perform the SCC related activities.
- NSOU has organised SCC scheme awareness camp in different RC, LSC & HQ for our students (See Annexure II).
- Our SCC team has successfully checked (at SCC portal <https://www.wbscc.wb.gov.in/>) each and every application to see whether an applicant is eligible for SCC loan. As per report (See Annexure III) dated 20/09/2022 total number of applications done at NSOU was 1506 (Approx.) and total number of Loan Sanctioned done by HED & Bank was 104.

Dr. Sudeshna Chatterjee (Biswas)

Deputy Registrar (Academic), NSOU

&

Nodal Officer SCC, NSOU

Annexure I



NETAJI SUBHAS OPEN UNIVERSITY
ESTABLISHED BY W.B.ACT (XIX) OF 1997, Recognized by U.G.C.
DD-26, Sector-I, Salt Lake City, Kolkata-700064
Fax : (033) 4066-3224
Website: www.wbnsou.ac.in

Memo No. Reg/0707

Date: 14.07.2021

Minutes of the meeting regarding Student Credit Card Scheme Implementation at NSOU

Venue: Board Room H.Q & Zoom Platform
Date: 14.07.2021 at 2 PM

Members Present:

1. C.A Kishore Sengupta, Registrar
2. C.A Sachindra Kar, F.O
3. Shri Prabir Das, Dy. Reg (Fin)
4. Dr. Sudeshna Chatterjee, Dy.Reg. (Acad)
5. Shri Prosenjit Bhattacharya, Dy. Director, R.C.,
6. Shri Santanu Dam, Dy. Director, R.C.,
7. Shri Hillol Ghosh, ITO
8. Shri Gopal Das, Asstt. Reg. Fin
9. Shri Gourab Barua, Asst. Reg

C.A Kishore Sengupta, Registrar kindly consented to Chair the meeting.

The following members were present through virtual mode

1. Smt Nilanjana Chatterjee, Asst. Dir., S.C
2. Jayabrata Goswami, System Analyst, R.C
3. Jayparakash Chowdhury, Asst. Dir., R.C
4. Debraj Sarkar, System Analyst, R.C
5. Budhadeb Maity, Tech. Asst.
6. Rinki Debnath, Jr. Asst.
7. Nabarun Debnath, P.A
8. Siddhartha Biswas, Tech. Asst.
9. Abhijit Mridha, Tech. Asst.

With the permission of the Chair, Dr. Sudeshna Chatterjee, Dy.Reg. (Acad) initiated the discussion. She informed the house that how in the last moment NSOU has been incorporated in the Student Credit Card Scheme by the Higher Education Dept. GoWB and she has been entrusted to act as Nodal officer of the university. Recently HE Dept has followed up about the status of NSOU and requested us to initiate the process immediately.

Dr. Sudeshna Chatterjee and Shri P. Bhattacharya informed the authorities of H.E. Dept. regarding the problem. NSOU will face at the time of processing the application and requested to change the software considering NSOU structure. However, they have assured to consider our case only after getting positive nod from NIC. Meanwhile H.E. Dept requested university to start the process as early as possible so that problem regarding processing of pending 637 applications can be resolved.

Page 1

- 2 -

- I. Considering the facts a team was formed to perform the duties :-

Members of the team

1. Shri Santanu Dam Dy. Director, R.C.,
2. Shri Hillol Ghosh, ITO
3. Shri Gourab Barua, Asst. Registrar
4. Smt Nilanjana Chatterjee, Asst. Director, S.C
5. Shri Jayabrata Goswami, System Analyst
6. Shri Jayparakash Chowdhury, Asst. Director, S.C
7. Shri Debraj Sarkar, System Analyst
8. Shri Budhadeb Maity, Tech. Asst.
9. Smt Rinki Debnath, Jr. Asst.
10. Shri Nabarun Debnath, P.A
11. Shri Abhijit Mridha, Tech. Asst.

- I. Shri Prosenjit Bhattacharya has been entrusted to allot the day-to-day assignment to every individual, meet the query and report the progress on daily basis to the Nodal Officer.
- II. For any technical problem in addition to their assignments Shri Santanu Dam, Dy. Dir., R.C and Shri Hillol Ghosh ITO have been requested to take initiative and resolve the issue.
- III. It was resolved that to start processing of application, a dedicated bank account would be opened by Finance Dept. NSOU and name of the account will be NSOU (SCCS-PG, BDP, B.Ed, BLISS)
- IV. During verification one has to check the following points:
 - a. Enrollment no of learner
 - b. Photo
 - c. Student name
 - d. Admission year
 - e. Course offered to him/her
 - f. Amount of course is due till now

Optional

 - a. Mob. No
 - b. E mail id
 - c. Address
 - d. Guardian/Fathers Name
 - e. D.O.B
- V. Those application will only be processed where in addition to other points, applicants claimed course fee matches with our course structure.
- VI. A list of processed applications (applications which were forwarded to HED) need to be sent to the admission section of NSOU for their further course of action.
- VII. It was also resolved that the Finance Dept. NSOU will assign a dedicated man power to intimate Admission Section as and when any loan amount will be credited to above said account, specifying Student name, amount credited, enrolment no and his course BDP/PG.

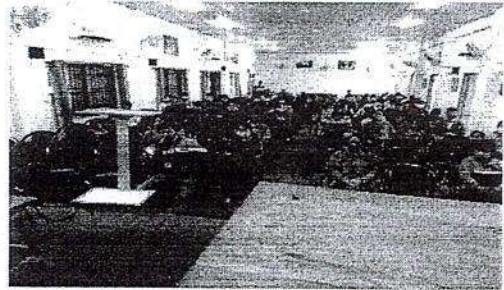
Meeting ended with thanks to the chair.


14/07/2021
Kishore Sengupta
REGISTRAR
NETAJI SUBHAS OPEN UNIVERSITY

Page 2

Annexure II

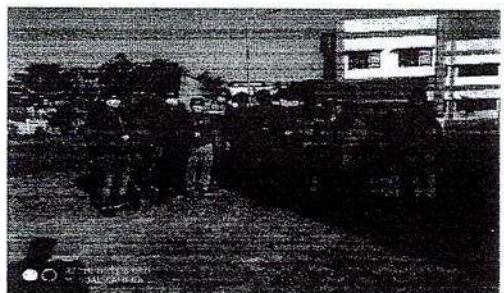
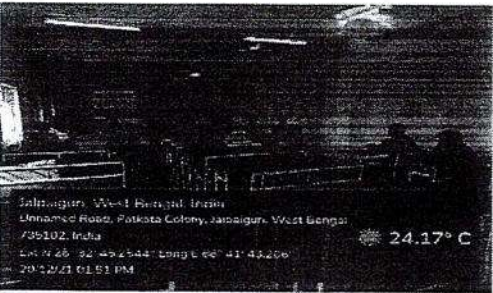
SCC awareness Camp at AC College Study Centre on 19/12/2021



SCC awareness Camp at Durgapur Govt. College Study Centre on 19/12/2021



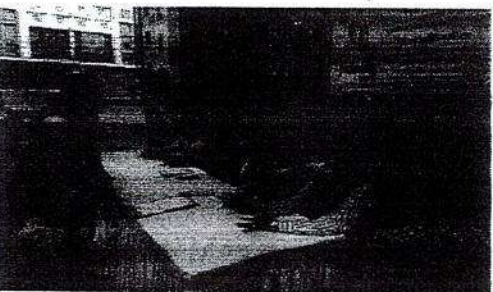
SCC awareness Camp at RC Jalpaiguri on 20/12/2021



SCC awareness Camp at RC Durgapur on 20/12/2021



SCC awareness Camp at HQ on 27/12/2021



Annexure III

Sl. No.	District	Loan Sanctioned (LSC District Wise)	Loan Sanctioned (Present Address District Wise)	Loan Sanctioned (Permanent Address District Wise)
1	Alipurduar	2	3	3
2	Bankura	2	3	3
3	Paschim Bardhaman	0	0	0
4	Purba Bardhaman	12	10	11
5	Birbhum	0	0	0
6	Cooch Behar	15	14	14
7	Darjeeling	3	1	1
8	Dakshin Dinajpur	2	3	3
9	Hooghly	1	2	1
10	Howrah	4	5	5
11	Jalpaiguri	2	3	3
12	Jhargram	0	2	2
13	Kolkata	6	2	2
14	Kalimpong	0	0	0
15	Malda	9	5	5
16	Paschim Medinipur	7	4	4
17	Purba Medinipur	4	5	6
18	Murshidabad	3	3	3
19	Nadia	7	6	7
20	North 24 Parganas	12	13	11
21	South 24 Parganas	8	11	11
22	Purulia	0	0	0
23	Uttar Dinajpur	5	9	9
Total		104	104	104
Total SCC Application Done at NSOU				Loan Sanctioned
1506 (Approx.)				104



NETAJI SUBHAS OPEN UNIVERSITY

ESTABLISHED BY W.B.ACT (XIX) OF 1997, RECOGNIZED BY U.G.C.

DD - 26, SECTOR - I, SALT LAKE CITY, KOLKATA - 700 064

Phone : (033)4066-3220; Website : www.wbnsou.ac.in

Annexure - XXIII

Memo No.Reg/0389

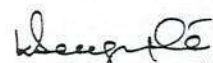
Date : 21.05.2021

Notification

The undersigned is directed to inform all concerned that a **Research Advisory Committee** has been formed in accordance to Statutes (Revised), 2014 clause 19.(1) as given below to facilitate the University in various Research related work.

Composition of the Research Advisory Committee:

1. The Hon'ble Vice-Chancellor, Chairperson
2. The Registrar, Convener
3. The Director, School of Sciences
4. The Director, School of Education
5. The Director, School of Social Sciences
6. The Director, School of Humanities
7. The Director (I/c), School of Professional & Vocational Studies
8. Professor Kajal De, Professor of Mathematics, School of Sciences
9. Professor Chandan Basu, Professor of History, School of Social Sciences
10. Professor Manan Kumar Mandal, Professor of Bengali, School of Humanities
11. Professor Anirban Ghosh, Professor of Commerce, School of Professional Studies
12. Professor (Dr.) Radharaman Chakraborti, Retd. Professor of Political Science, B.U., Ex-Director, NIAS and Former Vice-Chancellor, NSOU
13. Professor (Dr.) Syamal Roy (FNA), Ex-Vice-Chancellor, CBPBU and Professor, National Institute of Pharmaceutical Education & Research (NIPER), Kolkata
14. Professor (Dr.) Samantak Das, Professor, Deptt. of Comperative Literature, Jadavpur University


Registrar 21/05/2021



NETAJI SUBHAS OPEN UNIVERSITY

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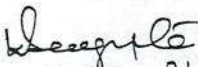
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Memo No.Reg/0389/(19)

Date : 21.05.2021

Copy forwarded for information and necessary action to :-

1. Finance Officer
2. Director, Study Centers
3. Director, School of Sciences
4. Director, School of Education
5. Director, School of Social Sciences
6. Director, School of Humanities
7. Director (I/c), School of Professional & Vocational Studies
8. Director, CIQA
9. Director, Regional Centre, Kalyani
10. Director, Centre for Online Education
11. Controller of Examinations (Acting)
12. Deputy Registrar (Admn.)
- ✓ 13. Deputy Registrar (Academic)
14. Deputy Registrar (Exams)
15. Deputy Librarian
16. Deputy Director, RC, Durgapur
17. Deputy Director, RC, Jalpaiguri
18. E. S. to V.C. for information of V.C.
19. Guard File


Registrar 21/05/2021



NETAJI SUBHAS OPEN UNIVERSITY

DD-26, Sector-I, Salt Lake City, Kolkata -700 064.

Phone: (033) 4066-3220, FAX: 4066-3225

website: www.wbnsou.ac.in

Annexure - **XXIV**
FINAL

Memo No.: Reg/0260/2022

Date: 14.03.2022

MINUTES OF 1ST RESEARCH ADVISORY COMMITTEE (RAC) MEETING HELD ON 10.03.2022 (11.30 AM) THROUGH BLENDED MODE.

Members Present:

1. Hon'ble Vice-Chancellor, Chairperson
2. Director, School of Sciences (SoSci)
3. Director, School of Humanities (SoH)
4. Director, School of Social Sciences (SoSS)
5. Director (I/c), School of Professional Studies (SPS)
6. Director, School of Education (SoE)
7. Professor (Dr.) Radharaman Chakraborti, Retd. Professor of Political Science, B.U., Ex-Director, NIAS and Former Vice-Chancellor, NSOU – Online
8. Professor (Dr.) Syamal Roy (FNA), Emeritus Professor, IICB and Ex-Vice-Chancellor, CBPBU
9. Professor (Dr.) Samantak Das, Pro-Vice-Chancellor, Jadavpur University
10. Deputy Librarian – Invitee
11. Deputy Registrar (Academic) – Invitee
12. Registrar, Convenor

The 1st meeting of the Research Advisory Committee of Netaji Subhas Open University held on 10.03.2022 at 11.30 AM in blended mode (offline: HQ of Netaji Subhas Open University, DD-26, Board Room (3rd Floor), Sector-I, Salt Lake City, Kolkata-700064 and online: <https://meet.google.com/nrr-vhgr-ahy>).

Hon'ble Vice-Chancellor in his introductory remarks, greeted the esteemed members present and explained the importance behind convening the meeting.

Agenda and proceedings of the meeting are as follows:

- Agenda 1. To report selection of 38 number of scholars from different discipline for Ph.D. Admission, 2020-21. [Annexure-I: List of Candidates; Annexure-II: Minutes of Respective DRC]

Reported and approved.

The external members discussed about the inclusion of UGC prescribed 2-credit course on "Research and Publication Ethics" in the Course Work of the University. In this regard, Director(i/c), SPS further informed the House that as resolved in the 5th CIQA meeting held on 3/1/2020 [Item No.9(I)], the School has already taken initiative to develop a MOOC on "Research and Publication Ethics-RPE" for the Research students.

- Agenda 2. To report cancellation of admission for English Language Teaching for Ph.D. Admission, 2020-21 [Annexure-III: Note of concerned School of Humanities].

Reported by the Director, SoH and approved.

- Agenda 3. To report exemption of Course Work for Mr. Arghyatanu Manna (DA20000049) of Mathematics and Mr. SUJAL DUTTA (DA20000449) of Zoology by concerned DRC of Ph.D. Admission, 2020-21. [Annexure-IV]

Reported and approved by the House. However, the above mentioned two candidate will be advised to submit their respective transcript (from the last HEI) to the Director, SoSci. Further, in



future applicant(s) who have completed M.Phil. / Course Work keeping conformity with UGC (minimum standards and procedure of award of M.Phil. /Ph.D. degrees) Regulations, 2016 and willing to get exemption from doing Course Work as per Netaji Subhas Open University (NSOU) Ph.D. Regulations 2018, will be requested to submit transcript along with application.

Agenda 4. To report completion of Course Work for 27 number of scholars from NSOU of Ph.D. Admission, 2020-21. [Annexure-V: Official Communication of Concerned School of Studies/ Department(s)]

Reported and approved.

Agenda 5. To consider approval of synopsis of 19 (sl. No. 17 not recommended by DRC) scholars from different School of Studies/ Department(s) of Ph.D. Admission, 2020-21. [Annexure-VI: Minutes of the DRC along with synopsis]

Sl. No.	Prov. En. No.	Subject	Name	Annexure-VI	Recommended By DRC (Yes/No)
1	DA20000049	Mathematics	Arghyatanu Manna	SoSci/1838 dated 16.12.2021	Yes
2	DA20000071		KOUSIK DAS	SoSci/1911 dated 10.02.2022	Yes
3	DA20000193		SANTANU SAHA		Yes
4	DA20000449	Zoology	SUJAL DUTTA	SoSci/1861 dated 06.01.2022	Yes
5	DA20000279	Commerce	Dipayan Singha	Nil dated 02.12.2021	Yes
6	DA20000355		Megnath Routh		Yes
7	DA20000295	Management	Prosenjit Bhattacharya		Yes
8	DA20000485	Commerce	DIPAK KARMAKAR		Yes
9	DA20000024	Education	SUBHASREE PAL	SoE/34/2022 dated 16.02.2022	Yes
10	DA20000038		Santanu Patra		Yes
11	DA20000116		Priya Topno		Yes
12	DA20000222		SUBRATA NASKAR		Yes
13	DA20000506	Bengali	SAIDA KHATUN	SoH 22/95 dated 02.03.2022	Yes
14	DA20000399		SOMA RAY CHAUDHURI		Yes
15	DA20000454		SHAMPA SARKAR		Yes
16	DA20000140		ABHAY PAIN		Yes
17	DA20000154		ASWINI HEMBROM		No
18	DA20000292	English	Iman Ghosh	SoH 22/99c dated 05.03.2022	Yes
19	DA20000517		SOMNATH BARUI		Yes
20	DA20000551		SATABDI DAS		Yes

Table 1: List of Candidates, submitted their synopsis for Registration to Ph.D. programme, AY 2020-21.

Reported and the House has approved synopsis of following candidates.

List candidates submitted synopsis and approved to get enrolled.

Sl. No.	Prov. En. No.	Subject	Name	Annexure-VI
1	DA20000049	Mathematics	Arghyatanu Manna	SoSci/1838 dated 16.12.2021
2	DA20000071		KOUSIK DAS	SoSci/1911 dated 10.02.2022



Sl. No.	Prov. En. No.	Subject	Name	Annexure-VI
3	DA20000193		SANTANU SAHA	
4	DA20000449	Zoology	SUJAL DUTTA	SoSci/1861 dated 06.01.2022
5	DA20000279	Commerce	Dipayan Singha	Nil dated 02.12.2021
6	DA20000355		Megnath Routh	
7	DA20000295	Management	Prosenjit Bhattacharya	
8	DA20000485	Commerce	DIPAK KARMAKAR	
9	DA20000024	Education	SUBHASREE PAL	SoE/34/2022 dated 16.02.2022
10	DA20000038		Santanu Patra	
11	DA20000116		Priya Topno	
12	DA20000222		SUBRATA NASKAR	
13	DA20000506	Bengali	SAIDA KHATUN	SoH 22/95 dated 02.03.2022
14	DA20000399		SOMA RAY CHAUDHURI	
15	DA20000454		SHAMPA SARKAR	
16	DA20000140		ABHAY PAIN	
17	DA20000292	English	Iman Ghosh	SoH 22/99c dated 05.03.2022
18	DA20000517		SOMNATH BARUI	
19	DA20000551		SATABDI DAS	

Agenda 6. To consider discipline wise Ph.D. (2020-21) admission status and to finalize the status of unreported applicants.

Table 2: Ph.D. Status (2020-21):

Discipline	A	B	C	D	E	F	G	H
Mathematics	3	15	3	3	2	1	3	3
Chemistry	1	--	--	--	--	--	--	--
Physics	2	3	1	1	--	--	--	--
Zoology	3	8	2	2	--	1	1	1
Geography	2	31	2	2	--	--	--	--
School of Sciences Total	11	57	8	8	2	2	4	4
Bengali	5	29	5	5	5	--	4	4
English	4	28	3	3	3	--	3	3
English Language Teaching	2	5	Admission Cancelled					
School of Humanities Total	11	62	8	8	8	--	7	7
History	6	36	6	5	5	--	--	--
Political Science	4	18	3	3	3	--	--	--
Sociology	2	5	2	1	1	--	--	--
School of Social Sciences Total	12	59	11	9	9	--	--	--
Education	4	56	4	4	4	--	4	4
School of Education Total	4	56	4	4	4	--	4	4
Commerce	5	11	3	3	3	--	3	3
Management		7	1	1	1	--	1	1
Library and Information Science	4	27	3	3	Ongoing		--	--
School of Professional Studies Total	9	45	7	7	4	--	4	4
Grand Total	47	279	38	36	29	19	19	19



A: Vacant Position Published; B: Forms Forwarded by Reg. Dept.; C: applicants selected by DRC; D: Course work fee collected; E: Course Work completed; F: Course Work exempted; G: Synopsis forwarded by Reg. Dept. H: Registrar Department has received files after DRC

Reported by the Director, SoSci and after discussion, the House recommended that the following four non responding candidates be intimated through mail (e-mail and surface mail) regarding the expiry of date of registration that is 18.03.2022, however, if any positive response is not received within stipulated time the vacancies will be opened for next admission session as per relevant norms of Backward Classes Welfare Department, GoWB.

Prov. En. No.	Name	Subject	Phone	Email ID
DA20000472	GOURANGA GAUNIA	Geography	9434365353	gourangavmm@gmail.com
DA20000563	SUSHMITA BISWAS		8910567446	biswasSushmitaJune94@gmail.com
DA20000561	BHASKAR HALDAR	Physics	8145905509	bhaskar.vcc@gmail.com
DA20000466	ARADHANA CHAUDHARY	Zoology	9748250981	chaudharyaradhana@gmail.com

Agenda 7. To consider fixation of next Ph.D. admission session w.e.f July 2022/ January 2023.

House recommended that the next Ph.D. admission will be held in 2021-22 Academic Year starting January 2022 session. Accordingly, the process of admission shall be started at the earliest.

Agenda 8. To consider discipline wise vacancy for next Ph.D. admission session as reported by School of Studies. [Annexure-VII: Discipline and faculty wise vacancy list].

School of Studies	Subject	Proposed Intake for upcoming admission
School of Sciences	Mathematics	3
	Chemistry	10
	Geography	4
	Zoology	7
School of Humanities	Bengali	1
	English	3
	English Language Teaching	2
School of Social Sciences	Political Science	3
School of Professional Studies	Library and Information Science	1
School of Education	Education	2
Total		36

The House recommended to seek vacancy report afresh from all School of Studies/ Department(s) after concluding the issues of non-responding applicants (vide agenda 6).

Agenda 9. To consider allotment of research supervisor of a Ph.D. student by the DRC of the respective School of Studies on successful completion of Course Work by the incumbent concerned.
Resolved that Point 15 (vide Ph.D. prospectus) be suitably amended for clarifying the confusion regarding the time of allotment of respective Supervisor.



Agenda 10. To report regarding extension of university library facility to the Ph.D. scholars. [Annexure-VIII: Minutes of the 11th CIQA meeting]

Resolved that the Library Department shall take necessary measures, as far as practicable, to provide library facilities to the enrolled Ph.D. scholars as per rules/ norms of the University. The guidelines prepared by the Deputy Librarian is approved with some modifications. [Annexure IX].

Agenda 11. To consider preference of broad area of study in each discipline may be explicitly mentioned in the Ph.D. admission notification.

Recommended that prior to issuance of Ph.D. admission notice, the School of Studies shall be requested to furnish the broad area(s) of studies (if any) of their concerned Departments.

Agenda 12. Miscellaneous

12.1 Providing plagiarism checking facility to enrolled Ph.D. scholar.

Recommended that the plagiarism checking facility would be provided the respective supervisor for their Ph.D. candidates accordingly. However, before submission all the Ph.D. theses may be checked centrally at the Library. The members present were informed that University already adopted "The University Grants Commission (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018"

12.2 Change of synopsis title of Priya Topno (DA20000116) under School of Education.

Reported and approved

The meeting ended with thank to the chair.

[Signature]
14/03/2022

VICE-CHANCELLOR, CHAIRMAN, RAC

[Signature]
14.03.2022
REGISTRAR, CONVENER, RAC





Memo No.: Reg/0260/2022

Date: 14.03.2022

1st R.A.C. Meeting for Ph.D programme on 10.03.2022

Sr. No	Name	Signature
1.	Professor Subha Sankar Sarkar, Vice-Chancellor,	 10/03/2022
2.	CA Kishore Sengupta Registrar	 10.03.2022
3.	SYAMAL ROY	
4.	SAMANTAK DAS	 Samantak Das 10/03/2022
5.	MANALI KUMAR MANDAL	 10-03-2022
6.	AMRITA SINGH	 10/03/2022
7.	CHANDAN BASU	 Chandan Basu 10.03.2022
8.	MADHUSRI GHOSH UPADHYAY	 Madhusri Ghosh Upadhyay 10.03.2022
9.	KAJAL DE	 10.3.2022
10.	ATUL KUMAR DEY	 10.3.2022
11.	Prof. Radharaman Chakrabarti (Dr)	 on line 10/03/22
12.	VEDANITA CHATTERJEE	 10.3.22
13.		
14.		
15.		
16.		
17.		
18.		



NETAJI SUBHAS OPEN UNIVERSITY

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Annexure - XXV

Memo No.Reg/0329

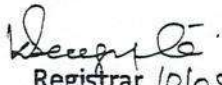
Date :10.05.2021

Notification

The undersigned is directed to inform all concerned that an Admission Committee has been formed in accordance to Statutes (Revised), 2014 clause 20.(1) as under for the smooth running of the upcoming admission process of the various programmes of the University.

Composition of the Admission Committee :

1. The Hon'ble Vice-Chancellor, Chairperson
2. The Director, School of Sciences
3. The Director, School of Education
4. The Director, School of Social Sciences
5. The Director, School of Humanities
6. The Director (I/c), School of Professional & Vocational Studies
7. The Director, Study Centers
8. Dr. Anirban Ghosh, Associate Professor of Zoology, SoS
9. Dr. Sanjay Roy, Associate Professor of Chemistry, SoS
10. Dr. Ritu Mathur (Mitra), Associate Professor of History, SoSS
11. Dr. Barnana Guha Thakurta (Banerjee), HoD & Associate Professor of Political Science, SoSS
12. Ms. Anamika Das, Assistant Professor of LIS, SoPS
13. Ms. Kasturi Sinha Ghosh, Assistant Professor of SW, SoPS
14. Ms. Antara Choudhury, Assistant Professor of Spl. Education (M.R.), SoE
15. Dr. Parimal Sarkar, Assistant Professor of Education, SoE
16. Dr. Srideep Mukherjee, Associate Professor of English, SoH
17. Dr. Anamika Das, Assistant Professor of Bengali, SoH
18. The Registrar, Convenor


Registrar 10/05/2021



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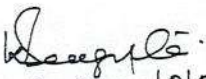
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Memo No.Reg/0329/(18)

Date : 10.05.2021

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1. Finance Officer
2. Director, Study Centers
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4. Director, School of Education
5. Director, School of Social Sciences
6. Director, School of Humanities
7. Director (I/c), School of Professional & Vocational Studies
8. Director, CIQA
9. Director, Regional Centre, Kalyani
10. Controller of Examinations (Acting)
11. Deputy Registrar (Admn.)
12. Deputy Registrar (Academic)
13. Deputy Registrar (Exams)
14. Deputy Librarian
15. Deputy Director, RC, Durgapur
16. Deputy Director, RC, Jalpaiguri
17. E. S. to V.C. for information of V.C.
18. Guard File


Registrar 10/05/2021



Memo No.: Reg/1385/2022

Date: 15.06.2022

MINUTES OF ADMISSION COMMITTEE MEETING HELD ON 08.06.2022 (12.00 noon) THROUGH BLENDED MODE.

Members Present:

1. Hon'ble Vice-Chancellor, Chairperson
2. Director, School of Sciences
3. Director, School of Humanities
4. Director, School of Social Sciences
5. Director (I/c), School of Professional Studies & Vocational Studies
6. Director, School of Education
7. Director, Study Centres
8. Dr. Bibhas Guha, Associate Professor & HoD, Zoology, School of Sciences
9. Dr. Srideep Mukherjee, Associate Professor & HoD, English, School of Humanities
10. Dr. Sanjoy Roy, Associate Professor & HoD, Chemistry, School of Sciences
11. Dr. Ritu Mathur (Mitra), Associate Professor of History, School of Social Sciences
12. Dr. Barnana Guha Thakurta (Banerjee), HoD and Associate Professor of Pol. Sc., School of Social Sciences
13. Ms. Anamika Das, Assistant Professor of Library and Information Science, School of Professional Studies
14. Ms. Antara Choudhury, Assistant Professor of Special Education (M.R), School of Education
15. Dr. Parimal Sarkar, Assistant Professor of Education, School of Education
16. Dr. Anamika Das, Assistant Professor of Bengali, School of Humanities
17. Finance Officer - Invitee
18. Controller of Examinations – Invitee
19. Deputy Registrar (Administration) – Invitee
20. Deputy Registrar (Academic) – Invitee
21. Jayabrata Goswami, System Analyst – Invitee
22. Roshni Mukherjee, Public Relation Officer - Invitee
23. Registrar, Convenor

The meeting of the Admission Committee of Netaji Subhas Open University held on 08.06.2022 at 12 noon in blended mode (offline: HQ of Netaji Subhas Open University, DD-26, Board Room (3rd Floor), Sector-I, Salt Lake City, Kolkata-700064 and online: <https://meet.google.com/pht-vnns-yji>).

Hon'ble Vice-Chancellor in his introductory remarks, greeted the esteemed members present and explained the importance behind convening the meeting.

Agenda and proceedings of the meeting are as follows:

Agenda 1. To report previous year's (Academic Year 2021-22) admission status. [Annexure-I: Admission Report]

Reported and Confirmed.

Agenda 2. To consider implementation of CBCS system for B.A. in Public Administration from Academic Year 2022-23. [Annexure-II: Course Structure of B.A. in Public Administration].



Reported by Director, School of Social Sciences and after discussion, the House has approved to implement CBCS system for B.A. in Public Administration from Academic Year 2022-23 and accordingly advise Registrar Department to take necessary initiatives for incorporation of required changes in existing admission system of the University.

- Agenda 3. To consider fixation of intake capacity for Under Graduate lab based science programme in ODL mode maintaining guideline of UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020: it shall be commensurate with the capacity of the LSCs to provide lab facilities to the admitted learners from the Academic Year 2022-23.

After threadbare discussion on the issue in light of previous year admission report and existing policy of the University [based on the aforesaid UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020] to conduct Lab sessions (LCES) for lab based science subjects, the House has come up with the following observations:

- School of Science organises Lab sessions (LCES) for lab based science subjects, during which the School carefully allots learners to selected centres where lab sessions are conducted. It is observed by the House, that the modalities to conduct LCES has been at per with the prescribed norms of UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020.
- From the enrolment figures for lab based science subjects it is also observed that enrolment ratio is commensurate till date with the UGC (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020.

However, to ensure satisfactory participation of the LSCs the House has recommended to incorporate the following clauses in the MoU between the University and LSCs:

- LSCs will have to conduct lab based activities/ field work/ dissertation/ hands on training for enrolled learners of the University as and when instructed by the University.
- All teachers (including SACT-I) of LSCs have to participate in any academic activities as and when instructed by the University.
- LSCs have to provide necessary physical infrastructure/ support service/ human resources at their disposal for conduction of Term End Examinations and Assessment of Assignments of the University as and when instructed by the University.

- Agenda 4. To consider framing of eligibility criteria for admission to various Post Graduate courses from the Academic Year 2022-23.

After discussion the House has framed eligibility for admission to following existing Post Graduate Degree Programme in the Academic Year 2022-23 (Session January 2023):

Name of the Programmes	Revised Eligibility
M.Sc. in Mathematics	Non CBCS: Honours Graduate (10+2+3) in Mathematics. CBCS: Honours Graduate (10+2+3) with Core Course (CC)/ Discipline Specific Elective (DSE)/ Equivalent in Mathematics.
M.Sc. in Geography	Non CBCS: Honours Graduate (10+2+3) in Geography. CBCS: Honours Graduate (10+2+3) with Core Course (CC) / Discipline Specific



	Elective (DSE)/ Equivalent in Geography.
M.Sc. in Zoology	Non CBCS: Honours Graduate (10+2+3) in Zoology. CBCS: Honours Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Zoology.
M.A. in Bengali	Non CBCS: Graduate (10+2+3) and must have studied at least 300 marks in Bengali. CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Bengali.
M.A. in English	Non CBCS: Graduate (10+2+3) and must have studied at least 300 marks in English. CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in English.
M.A. in English Language Teaching	Non CBCS: Graduate (10+2+3) and must have studied at least 300 marks in English/ Linguistic as Core Course or Elective. CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in English.
M.A. in Journalism & Mass Communication	Non CBCS & CBCS: Graduate (10+2+3) in any discipline.
M.A. in History	Non CBCS: Graduate (10+2+3) and have studied at least 300 marks in History. CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in History.
M.A. in Political Science	Non CBCS: Graduate (10+2+3) and have studied at least 300 marks in Political Science. CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Political Science.
M.A. in Public Administration	Non CBCS & CBCS: Graduate (10+2+3) in any discipline.
M.A. in Education	Non CBCS: Graduate (10 + 2 + 3) with Education and have studied at least 300 marks in Education and or other Graduate (10+2+3) with B.Ed./B.Ed. (Spl. Ed.) duly approved by the respective regulatory authorities. CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Education.
M.Com.	Eligibility for Non CBCS: B.Com.(Commerce)/BBA (Business Administration)/ B.B.M (Business Management) under 10+2+3 pattern Eligibility for CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Commerce/ Business Administration/ Business Management
M.A. in Economics	Eligibility for Non CBCS: BA/B.Sc. in Economics/B.Com. or graduate of any other discipline with Mathematics (10+2+3) Eligibility for CBCS: Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Economics
Master of Social Work(MSW)	Non CBCS & CBCS: Graduate (10+2+3) in any discipline or LLB / BE / B.Tech. / B.Voc. (three-year) in Child Protection / Child Development from a recognized Institute.
Master of Library & Information Science	Eligibility for Non CBCS: (i) Bachelor of Library and Information Science (BLIS) degree from a recognized University or (ii) Other Graduate (10+2+3) with at least 300 marks of study in Library Science/Library and Information



	Science/Information Science. Eligibility for CBCS: (i) Bachelor of Library and Information Science (BLIS) degree (ii) Graduate (10+2+3) with Core Course (CC) / Discipline Specific Elective (DSE)/ Equivalent in Library Science/ Library and Information Science/ Information Science.
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- Agenda 5.** To consider incorporation of new data collection parameter as per template provided by NAAC.
Reported and the House has advised Registrar Department to take necessary initiatives for incorporation of required changes in existing admission system of the University.
- Agenda 6.** To consider revision of course fee structure due to implementation of CBCS system for Under Graduate courses. [Annexure-III: Fee Structure].
Reported and approved. However, before implementation of the same, approval of next Finance Committee is required.
- Agenda 7.** To consider prospectus for Under Graduate programme, Academic Year 2022-23. [Annexure-IV: UG prospectus, 2022-23].
Reported and approved.
- Agenda 8.** To consider incorporation of CBCS system in renewal, 2022.
Reported and the House has advised Registrar Department to take necessary initiatives for incorporation of required changes in existing Renewal system of the University to accommodate learners of old syllabus (annual system) and learners of CBCS system. Accordingly, existing vendor may be asked to submit their proposal.
Further, the House has instructed to circulate an indicative notification in English/ Bengali daily before starting of each Renewal.
- Agenda 9.** To consider implementation of online registration/ enrolment certificate correction module.
Implementation of online enrolment certificate correction module has been considered and approved by the House. In this regard it is also decided that Registrar Department will make necessary arrangement to provide a user interface to Examination Department through which Examination Department will be able to download corrected enrolment database on a regular basis.
The issue related to correction in special paper of some Post Graduate courses it resolved that henceforth, University will not allow any learner to change/ update their choice of special paper under any circumstances.
- Agenda 10. Miscellaneous**
- 10.1 Power and Function of B.Ed. Special Education Admission Committee.**
Recommended that the Admission Committee constituted for B.Ed. Special Education will be renamed as "Working Committee for B.Ed. Special Education". Henceforth, the said committee will take all decision related to admission for B.Ed. Special Education and will report to the Admission Committee.



10.2 Change of eligibility for admission to B.A. in Education from academic year 2022-23.

Name of the Programmes	Revised Eligibility
B.A. in Education	Passed with 10+2 examination or equivalent with 45% marks in Arts & Science streams only / Passed 10+2 in Vocational stream or courses with 45% marks.

The meeting ended with thank to the chair.

W. S. Saha 15.06.2022
 REGISTRAR, CONVENER, ADMISSION COMMITTEE

Shri. S. S. Saha 15/06/2022

VICE-CHANCELLOR, CHAIRMAN, ADMISSION COMMITTEE





Sr.No	Name	Signature
1.	Professor Subha Sankar Sarkar, Vice-Chancellor,	<i>Subha Sankar Sarkar</i> 08/06/2022
2.	CA Kishore Sengupta Registrar	<i>Kishore Sengupta</i> 08/06/2022
3.	KAJAL DE	<i>Kajal De</i> 5.6.22
4.	CHANDAN BASU	<i>Chandan Basu</i> 08/06/22
5.	Atintrajit Das	<i>Atintrajit Das</i> 5/6/2022
6.	Dr. A. B. Aich	<i>A. B. Aich</i>
7.	Amirbanu Akhosh	<i>Amirbanu Akhosh</i> 8/6/22
8.	BIBHAS GUHA	<i>Bibhas Guha</i> 8/6/22
9.	Ananya Mitra	<i>Ananya Mitra</i> 8.6.2022
10.	Anamika Das	<i>Anamika Das</i> 08/06/2022
11.	Siddhant M. Chakraborty	<i>Siddhant M. Chakraborty</i> 08/06/22
12.	Barnana Guha Thakurta (Banshi)	<i>Barnana Guha Thakurta (Banshi)</i> 08/06/22
13.	Anamika Das	<i>Anamika Das</i> 08.06.2022
14.	Kanishk Kumar	<i>Kanishk Kumar</i> 08-06-22
15.	Sachindra Chandra Kar	<i>Sachindra Chandra Kar</i> 08-06-2022
16.	Ritu Mathur Mitra	<i>Ritu Mathur Mitra</i> 8/6/2022
17.	Jayabrata Goswami	<i>Jayabrata Goswami</i> 08/06/2022
18.	Roshni Mukherjee	<i>Roshni Mukherjee</i> 08/06/2022

19.	Lokesh Lay	08/6/22
20.	Antara Sarkar	online
21.	Dr - Sanjay Ray	online
22.	Dr - Parimal Sarkar	Online
23.	Sudeshna Chatterjee	08/6/22



NETAJI SUBHAS OPEN UNIVERSITY

Established by WB Act (XIX) of 1997, Recognized by UGC, NAAC Grade "A" Accredited

DD-26, Sector- I, Salt Lake City, Kolkata -700 064

Website: www.wbnsou.ac.in

Memo No.: Reg/1943

Date: 27.09.2022

NOTIFICATION

In terms of the order of the Vice-Chancellor dated 26.09.2022 the composition of the committee to formulate the procedure and to make other related recommendation for conduction of Research Eligibility Test (RET) for admission to Ph.D. programme following the University Grants Commission (Minimum Standards and Procedure for Award of M.PHIL./PH.D Degrees) Regulations, 2016 is as below:

- i. Prof. Ranjan Chakrabarti, Vice Chancellor, NSOU – Chairperson
- ii. Prof. Kajal Dey, Director, School of Sciences, NSOU
- iii. Prof. Manan Kr. Mandal, Director, School of Humanities, NSOU
- iv. Prof. Chandan Basu, Director, School of Social Sciences, NSOU
- v. Prof. Anirban Ghosh, Director (I/c), School of Professional Studies & Director, CIQA NSOU
- vi. Dr. Atidranath Dey, Director, School of Education, NSOU
- vii. Dr. Sudeshna Chatterjee (Biswas), Deputy Registrar (Academic), NSOU – Member Secretary

This will come in to immediate effect.


Registrar

Memo No.: Reg/1943 (3)

Date: 27.09.2022

Copy forwarded for information to:

1. Professor Kajal Dey, Director, School of Sciences, NSOU
2. Professor Manan Kr. Mandal, Director, School of Humanities, NSOU
3. Professor Chandan Basu, Director, School of Social Sciences, NSOU
4. Dr. Atidranath Dey, Director, School of Education, NSOU
5. Professor Anirban Ghosh, Director (I/c), School of Professional Studies & Director, CIQA, NSOU
6. Registrar, NSOU
7. Deputy Registrar (Academic), NSOU
8. E.S. to VC for Information, NSOU
9. Guard File

Registrar



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Annexure — XXVII

NETAJI SUBHAS OPEN UNIVERSITY

Established by WB Act (XIX) of 1997, Recognized by UGC, NAAC Grade "A" Accredited
DD-26, Sector-1, Salt Lake City, Kolkata -700 064
Website: www.wbnsou.ac.in

Memo No.: Reg/1944

Date: 27.09.2022

NOTIFICATION

In terms of the order of the Vice-Chancellor dated 27.09.2022 the composition of the ICT Sub Committee to effectively manage and supervise the day to day operations related to maintenance and upgradation of the University official website is as below:

- i. Shri. Hillol Ghosh, IT Officer, NSOU
- ii. Shri. Siddhartha Biswas, Technical Assistant (Gr-II), NSOU
- iii. Representative of the Agency
- iv. Dr. Sudeshna Chatterjee (Biswas), Deputy Registrar (Academic), NSOU – Member Secretary

This will come in to immediate effect.


Registrar

Memo No.: Reg/1944 (12)

Date: 27.09.2022

Copy forwarded for information to:

1. Director, School of Sciences, NSOU
2. Director, School of Humanities, NSOU
3. Director, School of Social Sciences, NSOU
4. Director, School of Education, NSOU
5. Director (i/c), School of Professional Studies, NSOU
6. Registrar, NSOU
7. Director, Study Centre, NSOU
8. Controller of Examination, NSOU
9. Finance Officer, NSOU
10. Director, Regional Centre, Kalyani, NSOU
11. Officer-in-Charge, Centre for Online Education (COEdn), NSOU
12. Deputy Registrar (Academic), NSOU
13. Deputy Registrar (Administration), NSOU
14. Deputy Librarian, NSOU
15. Deputy Director, Regional Centre, Durgapur, NSOU
16. Deputy Director, Regional Centre, Jalpaiguri, NSOU
17. E.S. to VC for Information, NSOU
18. Guard File

Registrar



NETAJI SUBHAS OPEN UNIVERSITY

Established by WB Act (XIX) of 1997, Recognized by UGC, NAAC Grade "A" Accredited
DD-26, Sector- I, Salt Lake City, Kolkata -700 064
Website: www.wbnsou.ac.in

Memo No.: Reg/1945

Date: 27.09.2022

NOTIFICATION

In terms of the order of the Vice-Chancellor dated 27.09.2022 the ICT committee has been formed for formation of the IT Regulation, policy and frameworks for effective use of ICT in administrative and academic activities and also planning of future ICT initiatives and projects in line with the mission, vision and roadmap of the University. The composition of ICT committee is as below:

- i. Professor Ranjan Chakrabarti, Vice Chancellor, NSOU – Chairperson
- ii. Prof. Susanta Parui, HOD, Department of Electronics and Telecommunication Engineering, IEST (as an external expert, nominee of Vice Chancellor)
- iii. Prof. Subir Kumar Sarkar, Department of Electronics and Telecommunication Engineering, Jadavpur University (as an external expert, nominee of Vice Chancellor)
- iv. Registrar, NSOU
- v. Finance Officer, NSOU
- vi. Controller of Examinations, NSOU
- vii. Director, CIQA, NSOU
- viii. Deputy Librarian, NSOU
- ix. Shri. Jayabrata Goswami, System Analyst, NSOU
- x. Shri. Debananda Biswas, System Analyst, NSOU
- xi. Shri. Siddhartha Biswas, Technical Assistant (Gr-II), NSOU
- xii. Dr. Sudeshna Chatterjee(Biswas), Deputy Registrar(Academic), NSOU – Member Secretary
- xiii. Shri. Hillol Ghosh, IT Officer, NSOU – Convenor
- xiv. Any other IT Expert to be invited as and when required

This will come in to immediate effect.


Registrar

Date: 27.09.2022

Memo No.: Reg/1945 (12)

Copy forwarded for information to:

1. Director, School of Sciences, NSOU
2. Director, School of Humanities, NSOU
3. Director, School of Social Sciences, NSOU
4. Director, School of Education, NSOU
5. Director (i/c), School of Professional Studies, NSOU
6. Registrar, NSOU
7. Director, Study Centre, NSOU
8. Controller of Examination, NSOU
9. Finance Officer, NSOU
10. Director, Regional Centre, Kalyani, NSOU
11. Officer-in-Charge, Centre for Online Education (COEdn), NSOU
12. Deputy Registrar (Academic), NSOU
13. Deputy Registrar (Administration), NSOU
14. Deputy Librarian, NSOU
15. Deputy Director, Regional Centre, Durgapur, NSOU
16. Deputy Director, Regional Centre, Jalpaiguri, NSOU
17. E.S. to VC for Information, NSOU
18. Guard File

Registrar



NETAJI SUBHAS OPEN UNIVERSITY

Established by WB Act (XIX) of 1997, Recognized by UGC, NAAC Grade "A" Accredited
DD-26, Sector- I, Salt Lake City, Kolkata -700 064
Website: www.wbnsou.ac.in

Annexure - XXIX

Memo No.: Reg/1929

Date: 26.09.2022

NOTIFICATION

In terms of the order of the Vice-Chancellor dated 22.09.2022 the composition of the CIQA constituted in accordance with clause IV(1) of Annexure-I of University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 is as below:

Clause	Composition	Name
Clause IV.1.a	Vice Chancellor of the University – Chairperson	Professor Ranjan Chakrabarti, Vice Chancellor, NSOU
Clause IV.1.b	Three Senior Teachers of HEI – Members	Professor Kajal Dey, Professor of Mathematics, NSOU
		Professor Chandan Basu, Professor of History, NSOU
		Professor Manan Kr. Mandal, Professor of Bengali, NSOU
Clause IV.1.c	Head of Three Department or School of Studies offering recognised programme in ODL and OL – Members	Dr. Srideep Mukherjee, Associate Professor of English & Head-Dept. of English
		Dr. Bibhas Guha, Associate Professor of Zoology, Head-Dept. of Zoology
		Dr. Ritu Mathur (Mitra), Associate Professor of History & Head-Dept. of History
Clause IV.1.d	Two external experts of ODL and / or OL Education – Members	Professor Subha Sankar Sarkar, Former Vice Chancellor, NSOU and Former DPI(WB)
		Professor Radharaman Chakrabarti, Former Vice Chancellor, NSOU, Former Director, NIAS, Kolkata
Clause IV.1.e	Officials from the administration and Finance Department of Higher Educational Institution – Members	Registrar, NSOU
		Director, School of Education, NSOU
		Director Study Centre, NSOU
		Finance Officer, NSOU
		Controller of Examinations, NSOU
		Director, Regional Centre, Kalyani, NSOU
		Deputy Registrar (Academic), NSOU
		Deputy Registrar (Administration), NSOU
Deputy Librarian, NSOU		
Clause IV.1.f	Director, Centre for Internal Quality Assurance – Members Secretary	Professor Anirban Ghosh, Professor of Commerce, NSOU

Sri. Gourab Barua, Assistant Registrar will act as the non-member convenor of CIQA.

This will come in to immediate effect.


Registrar

Memo No.: Reg/1929

Date: 26.09.2022

Copy forwarded for information to:

1. Professor Kajal Dey, Professor of Mathematics, & Director, School of Sciences, NSOU



2. Professor Manan Kr. Mandal, Professor of Bengali & Director, School of Humanities, NSOU
3. Professor Chandan Basu, Professor of History & Director, School of Social Sciences, NSOU
4. Director, School of Education, NSOU
5. Professor Anirban Ghosh, Professor of Commerce & Director (i/c), School of Professional Studies, NSOU
6. Registrar, NSOU
7. Director, Study Centre, NSOU
8. Controller of Examination, NSOU
9. Finance Officer, NSOU
10. Director, Regional Centre, Kalyani, NSOU
11. Officer-in-Charge, Centre for Online Education (COEdn), NSOU
12. Dr. Srideep Mukherjee, Associate Professor of English & Head-Dept. of English, NSOU
13. Dr. Bibhas Guha, Associate Professor of Zoology, Head-Dept. of Zoology, NSOU
14. Dr. Ritu Mathur (Mitra), Associate Professor of History & Head-Dept. of History, NSOU
15. Deputy Registrar (Academic), NSOU
16. Deputy Registrar (Administration), NSOU
17. Deputy Librarian, NSOU
18. Deputy Director, Regional Centre, Durgapur, NSOU
19. Deputy Director, Regional Centre, Jalpaiguri, NSOU
20. Gourab Barua, Assistant Registrar, NSOU - Non-member Convenor
21. E.S. to VC for Information, NSOU
22. Guard File


Registrar



Annexure - XXX
(Proposal Submitted to the Hon'ble V.C. on 29.09.22)

NETAJI SUBHAS OPEN UNIVERSITY
SCHOOL OF EDUCATION

CF-162, Sector I, Bidhan Nagar, Kolkata 700 064
Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo No. SoE/ 354 /2022

Dated: 29/09/2022

Note sheet

As Netaji Subhas Open University is conducting M.A. in Education (PGED) and B. A. in Education (BDP) Programmes and also conducting M. Ed. Spl. Ed. (ID) - ODL and B. Ed. Spl. Ed. (ID/HI/VI) - ODL Programmes under the aegis of School of Education, NSOU;

As for the Department of Education **five faculties** and for the Department of Special Education **five faculties** are required to run the programmes as per the norms of UGC - DEB;

As there are **four faculties** in the Department of Education and **five faculties** in the Department of Special Education including both the substantive and contractual faculties;

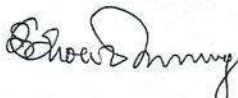
As one faculty is lacking as per UGC-DEB norms;

As **Dr. Nimai Chand Maiti**, former Professor, Department of Education, University of Calcutta, **retired on 31.01.2018 on attaining 62 years of age**, expressed his willingness to be engaged as a Professor in School of Education, NSOU;

Therefore, we recommend **Dr. Nimai Chand Maiti, former Professor in Education, University of Calcutta** who is having vast experience in the field of Education / Teacher Education, for appointment on **contractual basis as Professor of Education**, against the existing vacant post.

His letter of interest addressed to the Hon'ble Vice Chancellor along with his resume is enclosed for kind perusal.

Submitted to the Hon'ble Vice Chancellor for consideration.


29.09.2022

Prof. Debi Prosad Nag Chowdhury
HoD, SoE, NSOU


29/09/22

Dr. A. N. Dey
Director, SoE, NSOU

Proposed2-Year Post Graduate Education: CBCS Programme Structure

Semester I							
Course Name	Course Type	Course Title	Marks	Credit	Credit Distribution		
					L	T	P
PGEDCC01	Core	Philosophy of Education	50	04	03	01	
PGFDCC02	Core	Education & Development Policies & Perspectives	50	04	03	01	
PGEDCC03	Core	Psychology of Education	50	04	03	01	
PGEDCC04	Core	Learner and Learning Process	50	04	03	01	
PGEDCC05	Core	Education and Society	50	04	03	01	
Total Marks/Credit			250	20			

Semester II							
Course Name	Course Type	Course Title	Marks	Credit	Credit Distribution		
					L	T	P
PGEDCC06	Core	Social Perspectives of Education	50	04	03	01	
PGEDCC07	Core	Research in Education	50	04	03	01	
PGEDCC08	Core	Analysis of Data	50	04	03	01	
PGEDCC09	Core	Educational Technology & ICT	50	04	03	01	
PGEDCC10	Core	Curriculum Development	50	04	03	01	
Total Marks/Credit			250	20			

Semester III							
Course Name	Course Type	Course Title	Marks	Credit	Credit Distribution		
					L	T	P
PGEDCC11	Core	Educational Administration, Management & Leadership	50	04	03	01	
PGEDCC12	Core	Measurement, Assessment & Evaluation	50	04	03	01	
PGEDCC13	Core	History, Politics & Economics of Education	50	04	03	01	
*PGEDDSE01	DSE	Environmental Education and Sustainable Development	50+50	04+04	03+03	01+01	
*PGEDDSE02	DSE	Positive Psychology					
*PGEDDSE03	DSE	Comparative Education					
<i>*Any two DSE from PGEDDSE01, 02 & 03</i>							
Total Marks/Credit			250	20			

Semester IV							
Course Name	Course Type	Course Title	Marks	Credit	Credit Distribution		
					L	T	P
PGEDCC14	Core	Inclusive Education	50	04	03	01	
PGEDCC15	Core	Open & Distance Learning	50	04	03	01	
PGEDCC16	Core	Teaching Technology	50	04	03	01	
*PGEDDSE04	DSE	Special Education	50+50	04+04	03	01	
*PGEDDSE05	DSE	Teacher Education			03+03	01+01	

*PGEDDSE06	DSE	Education for Women Empowerment					
<i>*Any two DSE from PGEDDSE04, 05 & 06</i>							
			Total Marks/Credit	250	20		
CC-16 (64 Credit: 800 Marks) DSE-04 (16 Credit: 200 Marks)			Total Marks/Credit (Sem- I, II, III, IV)	1000	80		

Distribution of Marks

Weightage of Marks: 80% from Term End Examination; 20% from Assignment

Assigned Faculty Members for Content Selection of the outlined Programme structure

Sl. No.	Name of the Faculty	Courses Assigned
1	Prof. S.K Ghosh	CC3, CC7, CC8, DSE04
2	Prof. S. Chattaraj	CC2, CC10, CC11, CC13, DSE01
3	Prof. D.P Nag Chowdhury	CC1, CC12, DSE05
4	Dr. P. Upadhyay	CC9, CC15, CC16, DSE03, DSE06
5	Dr. P. Sarkar	CC4, CC5, CC6, CC14, DSE02

As resolved, the above assignment is expected to be completed and tentatively sent to papiyaupadhyay19@gmail.com by 18th May 2022.

Further to this, the house may meet on 23rd/24th May 2022 on a mutual convenient date and time in the Conference Hall at SoE, Salt Lake Campus to finalise the CBCS syllabus.

Copy to-

1. Prof. S.K Ghosh
2. Prof. S. Chattaraj
3. Prof. D.P Nag Chowdhury
4. Dr. P. Upadhyay
5. Dr. P. Sarkar

Sd/-

Dr. A. N Dey
Director, SoE, NSOU

Sd/-

Dr. Papiya Upadhyay
Asst Prof & Prog coordinator, PGED



Annexure -
XXXII

NETAJI SUBHAS OPEN UNIVERSITY
SCHOOL OF EDUCATION

CF-162, Sector I, Bidhan Nagar, Kolkata 700 064
Phone Number: 03340047570/1, Email: schooledu@wbnsou.ac.in

Memo No. SoE/ 367/2022

Dated: 17/10/2022

Note Sheet

**Subject: Scope of introducing B. Ed. - ODL Programme at School of Education,
NSOU as per NCTE Gazette Notification No. 509, date, 22.10.2021**

“The National Council for Teacher Education (Recognitions, Norms and Procedure) Amendment Regulations, 2021” came into force with the official Gazette Notification (No. 509) on **October 22, 2021**. In this context, the present status of SoE, NSOU has been reviewed and identified some points on which decisions may be taken for introducing B. Ed. - ODL programme as a part of future planning and development of the SoE, NSOU:

1. ‘Norms and Standards’ of 15 types of Teacher Education institutions offering the identified 15 Teacher Education programmes including B.Ed. have been specified and the concerned Notification of B.Ed. ODL, Appendix 10 seems to be suitable for SOE, NSOU having the previous experience of organizing B.Ed. Programme assigned by the State Govt. especially to address the crisis of qualified in-service teachers throughout the State and that has been successfully completed.
2. As per the eligibility norms (Sec. 2.1) of institution for conducting B.Ed. ODL Programme either through integrated or stand-alone form, the SoE, NSOU seems to be eligible as a State Open University.
3. As per Sec 6.1 of the Notification, the curriculum and faculty norms of the B. Ed. Programme offered through the face-to-face mode and the ODL mode will be the same.
4. Thus, the Staff pattern for conducting B.Ed. ODL programme, vide Sec, 7.1 (i), shall have exclusive core full-time faculty of seven members with expertise in relevant disciplines like Education, Sciences, Mathematics, Social Sciences and Languages.
5. The break up of the Faculty as required to organise the B.Ed. programme would be will be Professor (one), Associated Professor (two) and Assistant Professor (four).
6. In this context, the existing total full-time faculty strength to conduct the B.Ed. ODL programme at SoE is five (5) with the following break up:

Professor: Three (Contractual Superannuated),
Associated Professor: Nil,
Assistant Professor: Two (Substantive).

7. Hence, according to the new Norms notified, at least two full-time faculty posts (lying vacant) need to be immediately recruited (preferably in any two subjects from English, Bengali, History, and Mathematics) for one unit of intake (500 learners as per NCTE norms) for the B.Ed. - ODL Programme.

[4.1 Intake: The basic unit of intake of the B. Ed. Programme shall not exceed 500 students subject to the condition that one Study Centre shall enrol not more than 50 students in a given session.]


This note sheet was submitted to the former Hon'ble Vice-Chancellor for his kind appraisal and necessary direction on 09. 02. 2022 and he put some remarks on it (copy enclosed).

Previously, we submitted an application to the NCTE on 21. 05.2015 for permission to start B. Ed. - ODL in the prescribed format. We also obtained the consent from 10 study centres to conduct the B. Ed. - ODL programme. The inspection of Headquarters of our university along with the Regional Centre, Kalyani was duly conducted by the NCTE in the month of August 2015, but our prayer was not considered in the ground of shortage of substantive faculties.

Now we want to submit again the application for the permission to start B. Ed. - ODL programme in School of Education, NSOU for which your kind direction is highly solicited.



Prof. Debi Prosad Nag Chowdhury
HoD, SoE, NSOU
October 17, 2022



Dr. A.N.Dey
Director, SoE, NSOU

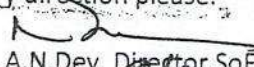
SOE/26/2022 dated 09/12/2021 Note-sheet


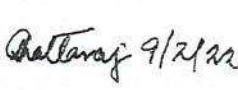
Subject: Scope of the recent NCTE Gazette Notification at SoE, NSOU

Recently, the "National Council for Teacher Education (Recognitions, Norms and Procedure) Amendment Regulations, 2021" has come into force with the official Gazette Notification (No. 509) on October 22, 2021. In this context, the present status of SOE has been reviewed and identified some points on which decisions may be taken for future planning and development:

1. 'Norms and Standards' of 15 types of Teacher Education institutions offering the identified 15 Teacher Education programmes have been specified and the concerned Notification of B.Ed. ODL, Appendix 10 seems to be suitable for SOE, NSOU having the experience of organizing B.Ed Programme assigned specially for in-service teachers throughout the State and that had been successfully organised.
2. As per the eligibility norms (Sec. 2.1) of institutions for conducting B.Ed. Programme, the SoE, NSOU seems to be eligible as a State Open University.
3. As per Sec 6.1 of the Notification, the curriculum of the B. Ed. offered through the face-to-face mode shall be the same for the ODL mode.
4. Staff pattern for conducting B.Ed. ODL programme, vide Sec, 7.1 (i), shall have an exclusive core full-time faculty of seven members with expertise in relevant disciplines like Education, Science, Mathematics, Social Sciences and Languages.
5. The brake up of the Faculty as required to run the course will be Professor (one), Associated Professor (two) and Assistant Professor (four).
6. In the present situation, the existing full-time faculty strength (probable) for the B.Ed. ODL programming at SoE, NSOU is five(5), with the following brake up of the faculty –
 Professor: two Contractual (age of superannuation and other benefits of the State governments/ Affiliating bodies 7.5),
 Associated Professor: one Contractual (age of superannuation and other benefits shall be as the policy of the State governments/ Affiliating bodies 7.5),
 Assistant Professor: two (Substantive),
7. Hence, according to the new Norms notified, at least two full-time (2 posts are lying vacant) and other one contractual Faculty (preferably in English, History, & Maths) are required for one unit of intake (i.e., 50 learners) of the B.Ed. ODL Programme.


This is submitted to the Hon'ble Vice-Chancellor for his kind appraisal and necessary direction please.


 Prof. A.N.Dey, Director SoE
 November 30, 2021

 
 Prof. S.K.Ghosh & Prof. S. Chattaraj
 9/12/21

4/15/AB5
 09.12.2021

n.A.Dey
 Dir SoE


 9/12/2021

Please disum along with detailed break-up of Teaching Staff Structure and Status of filled-up posts.

Posts allowed to be filled up: (1) For BA & MA - in Education = (4) 1-P + 1-Assoc P + 2 AP
 (2) For B.Ed & Pl. Ed Sp. = (4) 1-P + 1-Assoc. P. + 2-AP
 Posts. allowed to be filled up (3) For B.Ed (General) = (4) = 1P + 1-Assoc. P + 2 AP



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Result

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Page Updated on : 23/06/2022

Regular Mode

S.No	Course Code	Course Name	Abbreviation	Duration in Years
<p>• To know details about eligibility criteria for admission to various courses/ programmes, please refer to the respective syllabus given below as well as circulars issued by RCI from time to time:</p> <p>B.Ed. Special Education</p> <p>M.Ed. Special Education</p>				
In the field of Visual Impairment				
1.	0538	M.Ed. Special Education (Visual Impairment)	M.Ed.Spl.Ed.(VI)	2
2.	0515	B.Ed.Special Education (Visual Impairment)	B.Ed.Spl.Ed.(VI)	2
3.	0550	D.Ed. in Special Education (Visual Impairment)	D.Ed.Spl.Ed.(VI)	2
4.	0524	D.Ed.Special Education (Deafblind)	D.Ed.Spl.Ed.(Db)	2
5.	0572	B.Ed.Special Education (Deafblind) (on pilot basis)	B.Ed.Spl.Ed.(Db)	2
6.	0566	Diploma in Computer Education (Visual Impairment)	DCE(VI)	1
In the field of Hearing Impairment				
7.	0539	M.Ed. Special Education (Hearing Impairment)	M.Ed.Spl.Ed.(HI)	2
8.	0513	B.Ed. Special Education (Hearing Impairment)	B.Ed.Spl.Ed.(HI)	2
9.	0547	D.Ed. in Special Education (Hearing Impairment)	D.Ed.Spl.Ed.(HI)	2
10.	0552	Diploma in Early Childhood Special Education (Hearing Impairment)	D.E.C.S.E.(HI)	1
11.	1701	Diploma in Indian Sign Language Interpretation	D.I.S.L.I.	2
12.	1703	Diploma in Teaching Indian Sign Language	D.T.I.S.L.	2
In the field of Intellectual Disability				
13.	0537	M.Ed. Special Education (Intellectual Disability)	M.Ed.Spl.Ed.(ID)	2
14.	0516	B.Sc. (Special Education and Rehabilitation)	B.Sc.(Sp.Ed.& Reh.)	3
15.	0518	B.Ed. Special Education (Intellectual Disability)	B.Ed.Spl.Ed.(ID)	2
16.	0525	P.G. Diploma in Early Intervention	P.G.D.E.I.	1
17.	0580	D.Ed. in Special Education (Intellectual and Developmental Disabilities)	D.Ed.Spl.Ed.(IDD)	2
18.	0551	Diploma in Vocational Rehabilitation (Intellectual Disability)	D.V.R.(ID)	1
19.	0519	Diploma in Early Childhood Special Education	D.E.C.S.E.(ID)	1

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		(Intellectual Disability)		
20.	0578	Integrated Bachelor of Education- Master of Education-Special Education (Intellectual Disability)	Integrated B.Ed.- M.Ed.Spl.Ed.(ID)	3
In the field of Learning Disability				
21.	0545	M.Ed. Special Education (Learning Disability)	M.Ed.Spl.Ed.(LD)	2
22.	0544	B.Ed. Special Education (Learning Disability)	B.Ed.Spl.Ed.(LD)	2
23	0579	Integrated Bachelor of Education- Master of Education Special Education (Specific Learning Disability.)	Integrated B.Ed.- M.Ed.Spl.Ed.(SLD)	3
In the field of Rehabilitation Engineering/Technology				
In the field of Prosthetics & Orthotics				
24.	1505	Master in Prosthetics & Orthotics	M.P.O.	2
25.	1504	Bachelor in Prosthetics and Orthotics	B.P.O.	4 1/2
26.	1502	Diploma in Prosthetics and Orthotics	D.P.O.	2
27.	1503	Certificate Course in Prosthetics & Orthotic	C.P.O.	1
In the field of Community Based Rehabilitation				
28.	1301	Diploma in Community Based Rehabilitation	D.C.B.R.	2
29.	1304	Post Graduate Diploma in Community Based Rehabilitation	P.G.D.C.B.R.	2
In the field of Rehabilitation Psychology				
30.	0906	M.Phil (Rehabilitation Psychology)	M.Phil.(R.P.)	2
31.	0901	P.G. Diploma in Rehabilitation Psychology(Revised March, 2017)	P.G.D.R.P.	1
In the field of Clinical Psychology				
32.	0204	M.Phil (Clinical Psychology)	M.Phil.(Cl.Psy.)	2
33.	0206	Professional Diploma in Clinical Psychology	P.D. (Cl.Psy)	1
34.	0207	Psy.D in Clinical Psychology	Psy.D (Cl.Psy)	4
In the field of Speech & Hearing				
35.	0107	M.Sc. in Audiology	M.Sc.(Aud.)	2
36.	0108	M.Sc. in Speech Language Pathology	M.Sc.(S.L.P.)	2
37.	0105	Bachelor in Audiology and Speech-Language Pathology- Semester System	B.A.S.L.P.	4
38.	0801	Diploma in Hearing Language and Speech	D.H.L.S.	1
39.	0301	Diploma in Hearing Aid Repair and Ear Mould Technology	D.H.A.R.E.M.T.	1
40.	1704	Post Graduate Diploma Course in Auditory Verbal Therapy	PGDAVT	1
41.		Post Graduate Diploma in Alternative and Augmentative Communication (on Pilot basis)	PGDAAC	1
In the field of Locomotor and Cerebral Palsy				

42.	0573	D.Ed. Special Education (Multiple Disabilities)	D.Ed.Spl.Ed.(MD)	2
43.	0558	B.Ed. Special Education (Multiple Disabilities)	B.Ed.Spl.Ed.(MD)	2
44.	0575	M.Ed. Special Education (Multiple Disabilities) (on pilot basis)	M.Ed.Spl.Ed.(MD)	2
45.	0546	P.G. Dipl. in Developmental Therapy (Mult. Dis.:Physical and Neuro.)	P.G.D.D.T.(MD:P&N)	1
46.	0520	D.Ed. Special Education (Cerebral Palsy)	D.Ed.Spl.Ed.(CP)	2
In the field of Autism Spectrum and Disorder				
47.	0527	D.Ed. Special Education (Autism Spectrum Disorders)	D.Ed.Spl.Ed.(ASD)	2
48.	0567	B.Ed. Special Education (Autism Spectrum Disorder)	B.Ed.Spl.Ed.(ASD)	2
49.	0574	M.Ed. Special Education (Autism Spectrum Disorder) (on pilot basis)	M.Ed.Spl.Ed.(ASD)	2
In the field of Rehabilitation Therapy				
50.	0703	Diploma in Rehabilitation Therapy	D.R.T.	2 1/2
51.	0704	Certificate Course in Rehabilitation Therapy	C.C.R.T.	1
In the field of Vocation Counselling and Rehabilitation Social Work/Administration				
52.	1005	Master in Rehabilitation Science	M.R.Sc.	2
53.	0905	M.Sc. (Psycho-Social Rehabilitation)	M.Sc.(Psycho-Social Rehab)	2
54.	1403	Master in Disability Rehabilitation Administration	M.D.R.A.	2
55.	1006	M.A. Social Work in Disability Studies and Action	M.A. (SWDS)	2
56.	0603	Bachelor in Rehabilitation Science	B.R.Sc.	3
57.	1404	Post Graduate Diploma in Disability Rehabilitation and Management	P.G.D.D.R.M.	1
58.	1401	Advance Diploma in Child Guidance and Counselling	ADCGC	1
Care Givers				
59.	1306	Certificate Course in Care Giving	C.C.C.G.	10 month
In the field of Inclusive Education				
60.	0577	Bachelor of Art/Bachelor of Commerce/ Bachelor of Science/Bachelor of Education Special Education	B:A./B.Com./B.Sc.B.Ed.Spl.Ed.	4

Rehabilitation Council of India Act 1992 & 2000 under consideration for Amendment and the copy the proposed amendment is hereby displayed for comments from Citizens Institutions/Gos/NGOs are requested to send their comment. [Click here](#)



ज्ञान-विज्ञान विमुक्तये

प्रो. रजनीश जैन
सचिव

Prof. Rajnish Jain
Secretary



सत्यमेव जयते

(5.)

Annexure — XXXIV

विश्वविद्यालय अनुदान आयोग
University Grants Commission

विश्वविद्यालय अनुदान आयोग

(Ministry of Education, Government of India)

बहादुरशाह जफर मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002

Ph.: 011-23236288/23239337

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E-mail : secy.ugc@nic.in

D.O.F. No. 1-1/2022(ABC)

13th May, 2022

Subject: Implementation of Academic Bank of Credits (ABC) on urgent basis

Respected Madam/Sir,

As you are aware, the Commission with the concurrence of Ministry of Education had notified "The University Grants Commission (Establishment and Operation of Academic Bank of Credits in Higher Education) Regulations, 2021" in the Gazette of India on 28th July, 2021. The Academic Bank of Credits (ABC) platform has been developed by the National e-Governance Division (NeGD) of Ministry of Electronics and Information Technology (MeitY) under DigiLocker framework, with facility/functionality of opening Academic Account by the students and on-boarding of Higher Educational Institutions (HEIs).

Academic Bank of Credits will digitally store the academic credits earned by students from HEIs registered with ABC, for awarding degree/Diploma /Certificates taking into account credits earned by students. ABC will ensure the opening, closure, and validation of Academic Bank of Accounts, verification, accumulation, and transfer or redemption for students. ABC facilitate students to choose their own learning path to attain a degree /Diploma /Certificates, working on the principle of multiple entry-multiple exit as well as any-time, any-where, and any-level learning.

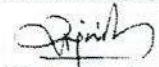
To enhance the reach of the ABC programme, all Higher Educational Institutions are requested to take action on the following on urgent basis:

- Register your Institution on ABC (www.abc.gov.in).
- Upload data of Student Credits obtained during or after the academic year 2021-22.
- Make the students of your Institution aware about ABC facility and encourage and hand-hold them for opening Academic Bank Account on ABC portal (www.abc.gov.in).
- Create a hyperlink of ABC URL, i.e., www.abc.gov.in on your Institution's respective website's home page.
- Depute the Nodal Officers for implementing ABC and reflecting their details on their websites.
- Higher Educational Institutions may insist their students to fill up ABC id on all examination form.

For any further information, you can contact ABC Cell of UGC on 011-24116316 & abc.ugc@gmail.com

With kind regards,

Yours sincerely,


(Rajnish Jain)

To

- The Vice-Chancellors of all Universities/Directors of all HEIs
- The Principals of all Autonomous Colleges

या गुणवत्ता सुधार कार्यक्रम या व्यावसायिक विकास कार्यक्रम या प्रौद्योगिकी विकास कार्यक्रम के रूप में हो सकता है।

- (3) पंजीकृत विश्वविद्यालय या स्वायत्त महाविद्यालय के स्तर पर एकेडमिक क्रेडिट्स बैंक के कार्यान्वयन का गुणवत्ता आश्वासन संबंधित विश्वविद्यालय या स्वायत्त महाविद्यालय द्वारा या तो आंतरिक गुणवत्ता आश्वासन प्रकोष्ठ (आईक्यूएसी) या पंजीकृत उच्चतर शिक्षा संस्थान द्वारा विनिश्चित किसी अन्य उपयुक्त संरचित तंत्र के माध्यम से विकसित किया जा सकता है।
 - (4) प्रत्येक पंजीकृत उच्चतर शिक्षा संस्थान अपनी वेबसाइट पर एकेडमिक क्रेडिट्स बैंक के संगत में अपनी गतिविधियों के वार्षिक प्रतिवेदन के साथ ही गुणवत्ता आश्वासन, गुणवत्ता संपोषण और गुणवत्ता अननयन के लिए किए गए उपायों का विवरण अपलोड करेगा।
 - (5) विद्यार्थियों की शिकायतों या अपीलों को दूर करने के लिए केंद्र सरकार या विश्वविद्यालय अनुदान आयोग या एकेडमिक क्रेडिट्स बैंक के स्तर पर और एकेडमिक क्रेडिट्स बैंक के साथ पंजीकृत प्रत्येक एचईआई के स्तर पर एक 'एकेडमिक क्रेडिट्स बैंक-परिवेदना निवारण तंत्र' होगा।
10. **उल्लंघन के परिणाम.-** यदि कोई पंजीकृत उच्चतर शिक्षा संस्थान इन विनियमों के तहत निर्धारित शर्तों या आवश्यकताओं को पूरा करने में विफल रहता है, तो आयोग, सुनवाई का एक उचित अवसर प्रदान करने के बाद, आयोग द्वारा निर्धारित समय के भीतर कमी को ठीक करने के लिए संस्थान को निर्देश दे सकता है; और ऐसा करने में उच्चतर शिक्षा संस्थान की ओर से विफल रहने पर, एकेडमिक क्रेडिट्स बैंक से ऐसे संस्थान का पंजीकरण समाप्त कर दिया जाएगा; और, इसके अतिरिक्त, अधिनियम के तहत अनुदान प्रदान करना बंद कर दिया जाएगा, जहां ऐसे अनुदान संस्था के लिए अनुदेय हैं।
11. **व्याख्या.-** इन विनियमों की व्याख्या के संबंध में किसी भी प्रश्न पर निर्णय विश्वविद्यालय अनुदान आयोग द्वारा लिया जाएगा, और उसका निर्णय इस मामले में अंतिम और बाध्यकारी होगा।

प्रो. रजनीश जैन, सचिव, विश्वविद्यालय अनुदान आयोग

[विज्ञापन-III/4/असा./167/2021-22]

UNIVERSITY GRANTS COMMISSION

NOTIFICATION

New Delhi, the 28th July, 2021

F. No. 14-31/2018 (CPP-II).—In exercise of the powers conferred by clauses (f) and (g) of sub-Section (1) of Section 26 of the University Grants Commission Act, 1956, the University Grants Commission with the approval of the Central Government hereby makes the following regulations, namely:-

1. **Short title, Application and Commencement.-** (1) These Regulations may be called the University Grants Commission (Establishment and Operation of Academic Bank Of Credits in Higher Education) Regulations, 2021.
(2) These Regulations shall apply to all Universities in India established or incorporated by or under a Central Act, a Provincial Act or a State Act; the institutions Deemed-to be Universities declared as such under Section 3 of the University Grants Commission Act, 1956 (3 of 1956); and the Autonomous Colleges as defined in these regulations.
(3) They shall come into force from the date of their notification in the Gazette of India.
2. **Definitions.-** In these Regulations, unless the context otherwise requires,-
(a) "Act" means the University Grants Commission Act, 1956 (3 of 1956);

- (b) "Academic Bank Account" means an individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the Student from course(s) of study are deposited, recognised, maintained, accumulated, transferred, validated or redeemed for the purposes of the award of degree/diploma/certificates etc. by an awarding institution;
- (c) "Academic Bank of Credits" means an academic service mechanism as a digital or virtual or online entity established by the Commission with the approval of the Central Government, to facilitate students to become its academic account holders, thereby paving the way for seamless student mobility between or within degree-granting Higher Educational Institutions through a formal system of credit recognition, credit accumulation, credit transfers and credit redemption to promote distributed and flexible teaching-learning;
- (d) "Academic Flexibility" means the provision for innovative and interchangeable curricular structures to enable creative combinations of Courses or Programmes in Disciplines of study leading to Degree or Diploma or Post Graduate Diploma or Certificate of Study offering multiple entry and multiple exit facilities, while removing rigid curricular boundaries and creating new possibilities of life-long learning;
- (d) "Autonomous college" means any institution, whether known as such or by any other name, accorded with autonomous status by the Commission upon the recommendations of the affiliating university and the State Government concerned, by virtue of which it provides for a course or programme of study with academic and innovative flexibility for obtaining any qualification from a university; and which, in accordance with the Statutes and Ordinances of such university, is recognised as competent to provide for such course or programme of study and present students undergoing such course or programme of study for the examination leading to the award of such qualification;
- (f) "Commission" shall have the same meaning as assigned to it in clause (a) of section 2 of the Act;
- (g) "Course" means one of the specified units which go to comprise a specified programme of study;
- (h) "Credit" means the standard methodology of calculating one hour of theory or one hour of tutorial or two hours of laboratory work, per week for a duration of a semester (13-15 weeks) resulting in the award of one credit; which is awarded by a higher educational institution on which these regulations apply; and, Credits' for internship shall be one credit per one week of internship, subject to a maximum of six credits;
- (i) "Credit-accumulation" means the facility created by Academic Bank of Credits in the Academic Bank Account opened by students in order to transfer and consolidate the credits earned by them by undergoing Courses;
- (j) "Credits-recognition" means the credits earned through a registered Higher Educational Institution and transferred directly to the Academic Bank of Credits by such Higher Educational Institution,
- (k) "Credit-redemption" means the process of commuting the accrued credits in the Academic Bank Account of the students maintained in ABC for the purpose of fulfilling the credits requirements for the award of Degrees or Diplomas or Certificates or Course work for Ph.D. programme etc., by the registered degree-awarding Higher Educational Institutions;
- (l) "Credit-transfer" means the mechanism by which the Registered Higher Educational Institutions are able to receive or provide prescribed credits to individual Academic Bank Accounts in

- adherence to the University Grants Commission credit norms for the 'course/s' undertaken by students enrolled in any Registered Higher Education Institution within India;
- (m) "Higher Education Institutions" means the institutions which are empowered to award degrees by themselves or in accordance with section 22 of the Act;
 - (n) "Professional Standards Setting Body" means a regulatory or principal body created, established or constituted under an Act of Parliament for determining and maintaining standards in the relevant areas of higher education;
 - (o) "Programme" or "Programme of study" means a higher education programme pursued for a degree specified by the Commission under sub-section (3) of section 22 of the Act;
 - (p) "Registered Higher Education Institution" means an eligible Higher Educational Institution which is registered by the Academic Bank of Credits, under these regulations;
 - (q) "Statutory authority" means statutory bodies of higher educational institutions, such as the Governing Council or Executive Council or Syndicate or Board of Management or Academic Council, competent to take decisions on behalf of the institution.
 - (r) "Student" means a person admitted to, and pursuing, a specified credit-based course/programme of study in a higher education institution.

3. Academic Bank of Credits.- (1) Academic Bank of Credits, shall be a national-level facility to promote flexibility of curriculum framework and interdisciplinary or multidisciplinary academic mobility of students across Higher Education Institutions in the country with appropriate credit transfer mechanism created through these regulations and shall facilitate students to choose their own learning path to attain a Degree or Diploma or Post Graduate diploma or academic qualification, working on the principle of multiple entry-multiple exit as well as any-time, any-where, and any-level learning.

- (2) Academic Bank of Credits shall enable the integration of multiple disciplines of higher learning, leading to the desired learning outcomes including enhanced creativity, innovation, higher order thinking and critical analysis.
- (3) Academic Bank of Credits shall provide significant autonomy to students by providing extensive choice of courses for a programme of study, flexibility in curriculum, novel and engaging course options across a number of higher education disciplines or institutions.

4. Objectives of Academic Bank of Credits.-(1) To promote student centricity with learner-friendly approaches in higher education across the country and promote a more inter-disciplinary approach in higher education.

- (2) To enable students to select the best courses or combination of courses to suit their aptitude and quest for knowledge.
- (3) To permit students to choose a pace for their studies along with the associated logistics and costs.
- (4) To allow students to tailor their degrees or make specific modifications or specialisations rather than undergoing the rigid, regularly prescribed degree or courses of a single university or autonomous college.
- (5) To enable multiple entry-multiple exit for students to complete their degrees as per their time preferences, providing mobility across various disciplines and HEIs for Degree or Diploma or Post Graduate Diploma or Certificate programme or Course work for the Ph.D. programme.
- (6) To support, procedurally, the teaching-learning activities to happen in a distributed and blended manner through integration across campuses or universities or autonomous colleges with increased mobility.

- (7) To facilitate lifelong learning amongst all, i.e., formal and informal students from both full-time and part-time modes.
- (8) To satisfy the students' quest for knowledge, freedom to choose and change their academic directions, connect different domains of knowledge and help them acquire the right foundations and building blocks to pursue their life goals.

5. Organisational Structure of Academic Bank of Credits.- (1) Academic Bank of Credits shall be a digital or virtual or online store-house entity of academic credit data base of Higher Education Institution with students as its stakeholder.

- (2) Academic Bank of Credits shall be established, on the lines of the National Academic Depository shall have a dynamic website providing all details of Academic Bank of Credits and its operational mechanism for the use of all stakeholder of higher education.
- (3) Academic Bank of Credits shall be a bank for academic purposes, on the pattern of commercial banks for financial purposes, with students as academic account holders to whom, the Academic Bank of Credits shall provide a variety of services including credit verification, credit accumulation, credit transfer or redemption and authentication of academic awards.
- (4) Authentication of credits or academic awards by Academic Bank of Credits shall not, in any way, be construed as encroachment on the statutory powers of Higher Education Institutions registered with Academic Bank of Credits to award degrees and other academic qualifications.
- (5) ABC shall act as the body empowered by the Central Government or the Commission, as the case may be, to provide authenticated records of credits earned by students from Registered Higher Education Institutions.
- (6) The requirement of credits as well as essential components of study for award of any Under Graduate or Post Graduate or diploma or certificate, or the Course work requirements for the Ph.D. programmes shall be as prescribed by Registered HEIs.
- (7) Academic Bank of Credits shall provide to every student the facility to open unique or individual Academic Bank Account in digital form; and the account holder shall be provided with a unique ID and access to the Standard Operating Procedure (SOP).

6. Functions of Academic Bank of Credits. -(1) Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time:

Provided that ABC shall not accept any document pertaining to course credits directly from students and shall entertain such documents as valid only when the same are transmitted by the respective, Registered Higher Education Institution awarding the credits.

- (2) ABC shall register Higher Education Institutions under these regulations, ensure the opening, closure and validation of Academic Bank Accounts and shall also ensure credit verification, credit accumulation, and credit transfer or redemption for students; apart from promoting its role among stakeholder.
- (3) Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL, V-Lab etc. or of any specified university, shall also be considered for credit transfer and credit accumulation.
- (4) The functions of ABC are not limited to distance or a non-contact mode; and shall extend to amalgamation of various existing and futuristic teaching-learning models and it may also consider

credits obtained by students in assessments for theory or practicals, if the same are offered as separate credit courses.

- (5) The norms in respect to the curriculum content, curriculum transaction, educational technologies for the courses offered, their timing, continuous evaluation methods, attendance and novel methods of assessment shall be as decided by the Registered Higher Education Institution, and shall be consistent with the overarching policy and philosophy of holistic, multidisciplinary education under National Education Policy-2020.
- (6) In the interests of students, credits earned and deposited with ABC shall be valid for the purpose of redemption to a degree or diploma or Post Graduate diploma or certificate, for varying duration as specified by the credit awarding and credit accepting Higher Education Institution subject to a maximum duration of seven years.
- (7) Academic Bank of Credits shall encompass all higher education programmes coming under the purview of the Commission, the All India Council of Technical Education, and the National Council of Teacher Education; credits in professional programmes of study in respect of other disciplines may be included with the approval of the appropriate professional standards setting body and the Central Government.
- (8) Academic Bank of Credits shall also facilitate the credit recognition and credit redemption process for students who may opt, according to their individual choice, for all courses, not falling in any particular subject domain, but fulfilling the total credits requirement for the Under Graduate degree to be awarded by a Registered Higher Education Institution and such Under Graduate degree to be awarded by the Higher Education Institution may be specified by the Commission.
- (9) In addition to the choice based courses to be undertaken by the student as a part of the specific higher education programme in Registered Higher Education Institutions, students shall also have freedom to take additional courses of their aptitude, beyond the curriculum prescribed for such degree programme, and accrue credits in their respective Academic Bank Account:
Provided that Registered Higher Education Institutions may award diploma or certificate against credits accrued in respect of courses undertaken by students beyond the prescribed curriculum.
- (10) Credits obtained by students by undergoing Skill-courses from Registered Higher Education Institutions offering vocational Degree or Diploma or Post Graduate Diploma or Certificate programmes are also eligible for accrual and redemption of credits through the Academic Bank of Credits.
- (11) Credits obtained by undertaking Courses in Registered HEIs during or after the academic year 2021-2022 alone are eligible for Credit transfer, Credit accrual and Credit redemption through Academic Bank of Credits.
- (12) For carrying out the purposes of the Academic Bank of Credits, the Commission may provide such financial and administrative assistance to the Academic Bank of Credits, as it may deem fit.

- 7. Eligibility Criteria for approval of HEIs to register with Academic Bank of Credits.**-(1) Universities and Autonomous Colleges satisfying sub-regulation (2) of regulation 1, which are accredited by either National Assessment and Accreditation Council with minimum 'A' Grade or by National Board of Accreditation for at least three programme(s) with a minimum score of 675 individually (however, if the number of programme(s) being run by the Institution is less than three, then each of the programmes should secure 675 or more marks); or top 100 National Institutional Ranking Framework (NIRF) or similar Assessment and Accreditation body(ies) to be established by Government of India from time to time or those Indian Higher Education Institutions appearing in top 1000 world ranking of Quacquarelli Symonds (QS)/ Times Higher

Education (THE); Institutions of Eminence or Institutions of National Importance as declared by Government of India are eligible to register with Academic Bank of Credits.

- (2) Accreditation or ranking status must be valid at the time of registration with Academic Bank of Credits.
- (3) HEIs shall obtain approval from their respective statutory authorities such as the Governing or Executive Council or Syndicate or Board of Management or Academic Council etc., to apply for registration with Academic Bank of Credits.
- (4) Registered Higher Education Institutions shall be required to admit students to individual courses, in addition to their admissions to full degree programmes:

Provided that in order to avoid overcrowding in a course(s) of any Higher Education Institution, such Higher Education Institution shall be permitted to have additional (supernumerary) seats in such course(s), subject to prior approval by the appropriate professional standards setting body:

Provided further that in respect of courses, not coming under the purview of any professional standards setting body the Registered Higher Education Institution may, subject to availability of required infrastructure, create supernumerary seats with the approval of its statutory authorities:

Provided also that, Registered Higher Education Institution may also offer a set of Courses, exclusively for the purpose of the Academic Bank of Credits Scheme.

- (5) Registered Higher Education Institution shall have the appropriate educational infrastructure in terms of audio-visual facilities, e-resources, Virtual classrooms and studios etc., and specifically high bandwidth internet connectivity to support ODL or On-line courses or programmes and other infrastructural facilities for face to face theory or practical/ or training courses as specified, from time to time, under the relevant University Grants Commission Regulations and/or Statutes or Ordinances of the Higher Education Institution.
- (6) A Registered Higher Education Institution shall have a webpage on its website containing details of the facility of Academic Bank of Credits, list of all Registered Higher Education Institutions, guidelines or Standard Operating Procedures for the students to utilise the facility effectively, along with a link to the website of Academic Bank of Credits.

8. Academic Bank of Credits Implementation methodology. - (1) Academic Bank of Credits is essentially a credit-based, and highly flexible, student-centric facility.

- (2) Registered Higher Education Institutions shall, with the approval of their statutory authorities, amend the extant Ordinances relating to, inter alia, Course registration, Course requirements, acceptance for inter-disciplinary and multi-disciplinary courses, Credits to be offered to such courses, Credit transfers and Credits acceptance from other approved Higher Education Institutions, nature of grades to be awarded etc.

- (3) Registered Higher Education Institutions shall encourage and enable students to customise or design their own degrees utilising Courses selected by the student from among courses offered by one or more of the Registered Higher Education Institutions:

Provided that, the student shall be required to earn at least fifty per cent of the credits from the Higher Education Institution awarding the degree or diploma or certificate:

Provided further that, the student shall be required to earn the required number of credits in the core subject area necessary for the award of the degree or Diploma or Certificate, as specified by the degree awarding Higher Education Institution, in which the student is enrolled.

- (4) Students availing flexibility under the facility of ABC provided in sub-regulation (3) are entitled to subscribe only to Courses of their choice and aptitude, so as to enable them to accumulate credits and not to the entire Programme of study leading to the award of a degree by the Registered Higher Education Institution.
- (5) The ABC shall maintain a dynamic online directory of Higher Education Institutions which satisfy the eligibility criteria stipulated under regulation 7.
- (6) Every Registered Higher Education Institution shall provide student counselling and guidance to all students desirous of opening an Academic Bank Account with Academic Bank of Credits, in regard to the details of utilisation of the services of Academic Bank of Credits in terms of Credit definition, Credit accumulation, Credit transfer, Credit redemption as well as in respect of the opening, closure and validation of Academic Bank Accounts of students where such requests are recommended through the parent University or Autonomous colleges which are already registered with Academic Bank of Credits.
- (7) Credits earned by students shall be deposited in the respective Academic Bank Account with ABC and shall be valid for not exceeding seven years as specified by the credit awarding institutions and subject to its acceptance by the Registered Higher Education Institution awarding academic qualifications, for the purpose of commutation of credits for the award of any Degree or Diploma or Certificate:

Provided that once any credit is redeemed for the award of the aforementioned academic qualification, such credit shall be irrevocably debited from the respective student's Academic Bank Account.
- (8) Where a student fulfils the norms of sufficiency of total number of credits and of the nature of credits, approved by a Registered Higher Education Institution for the award of the specified Degree or Diploma or Post Graduate Diploma or Certificate, the student shall be eligible for such award by that Higher Education Institution.
- (9) Once used, or redeemed, Credits earned by a student cannot be re-used for the award of any other formal academic qualifications.
- (10) With the approval of its statutory authorities, a Registered Higher Education Institution shall be encouraged by Academic Bank of Credits to apportion the structure of courses offered by it as core courses or core electives or open electives or skill enhancement electives or ability enhancement electives etc. with appropriate credit requirements, in order to promote multi-disciplinary or inter-disciplinary higher education.
- (11) In awarding academic qualifications etc., Registered Higher Education Institutions shall follow the norms and guidelines, in regard to the number of credits and duration of time, stipulated from time to time by the Commission or the professional standards setting body, as the case may be:

Provided that in respect of time duration, a student pursuing academic qualifications under the Academic Bank of Credits facility may, after earning the stipulated credits, avail a relaxation of a maximum of one semester, provided the duration of the course or programme is of two-years or more (Four semesters or more).
- (12) A Registered Higher Education Institution may fix its Course fee based on the number of credits of a course for which the student is enrolled.
- (13) The Higher Education Institution shall pay a fee for registration as an eligible institution under these regulations, which shall be determined with the prior approval of the Central Government or the Commission, as the case may be.

9. **Monitoring, support and Quality assurance by Universities and ABC.-** (1) It shall be the responsibility of Registered Higher Education Institutions, to monitor the development and operationalisation of the Academic Bank of Credits programme at the university level and at the level of their affiliated autonomous colleges.
- (2) Registered Higher Education Institutions shall offer teacher or staff training, mentoring, academic and administrative audit and other measures for improving the quality of performance of the Academic Bank of Credits facility and promotion of holistic/multidisciplinary education with the support of Academic Bank of Credits, which may be in the form of Faculty Development Programmes or Quality Improvement Programmes or Professional Development Programmes or Technology Inculcation Programmes.
- (3) The Quality assurance of the implementation of Academic Bank of Credits at the level of the registered university or autonomous college shall be developed by the University or autonomous college concerned either through the Internal Quality Assurance Cell (IQAC) or any other appropriate structured mechanism as may be decided by the Registered Higher Education Institution.
- (4) Every Registered Higher Education shall upload, annually, on its website, a report of its activities *vis a vis* the Academic Bank of Credits, as well as of measures taken by it for Quality assurance, Quality sustenance and Quality enhancement.
- (5) There shall be an Academic Bank of Credits-Grievance Redressal Mechanism at the level of Central Government/University Grants Commission/Academic Bank of Credits, and at the level of every Higher Education Institution registered with Academic Bank of Credits to address the grievance/appeals of students.
10. **Consequences of violation.-** Where a Registered Higher Education Institution fails to fulfil the conditions or requirements prescribed under these regulations, the Commission may, after providing a reasonable opportunity of being heard, direct the institution to rectify the deficiency within such period of time as may be stipulated by the Commission and on failure on the part of the Higher Education Institution to do so, terminate the registration of such institution from Academic Bank of Credits and, in addition, cease to provide grants under the Act, where such grants are admissible to the institution.
11. **Interpretation.-** Any question as to the interpretation of these Regulations shall be decided by the Commission, and its decision shall be final and binding in the matter.

Prof. RAJNISH JAIN, Secy., UGC

[ADVT.-III/4/Exty./167/2021-22]

विनियम 7 के उप-विनियम 2 को हटा दिया जाएगा।

विनियम 7 के उप-विनियम 3, 4, 5 और 6 को क्रमशः 2, 3, 4 और 5 के रूप में पढ़ा जाएगा।

टिप्पणी : मूल विनियम भारत के राजपत्र, असाधारण भाग III, खंड 4 में फा. सं. 14-31/2018 (सीपीपी-II) के माध्यम से दिनांक 28 जुलाई, 2021 को प्रकाशित किए गए थे।

प्रो. रजनीश जैन, सचिव

[विज्ञापन-III/4/असा./551/2021-22]

UNIVERSITY GRANTS COMMISSION NOTIFICATION

New Delhi, the 28th December, 2021

University Grants Commission (Establishment and Operation of Academic Bank of Credits in Higher Education) (First Amendment) Regulations, 2021

F. No. 14-31/2018(CPP-II).—In exercise of the powers conferred by clauses (f) and (g) of sub-Section (1) of Section 26 of the University Grants Commission Act, 1956, the University Grants Commission with the approval of the Central Government hereby makes the following amendment in the University Grants Commission (Establishment and Operation of Academic Bank Of Credits in Higher Education) Regulations, 2021 [Notification No. 14-31/2018(CPP-II) dated 28th July, 2021] (hereinafter referred to as 'the Principal Regulations'), namely:

Short title and commencement — (1) These regulations may be called the University Grants Commission (Establishment and Operation of Academic Bank of Credits in Higher Education) (First Amendment) Regulations, 2021.

(2) These shall come into force on the date of its publication in the Official Gazette.

In sub regulation 1 of the Regulations 7 of the principal regulations following shall be substituted, namely:

(1) Universities and Autonomous Colleges satisfying sub-regulation (2) of regulation 1 and the Institutions of National Importance as declared by the Government of India and specially empowered by an Act of Parliament to confer or grant degrees.

The sub regulation 2 of regulations 7 shall be omitted.

Sub regulations 3, 4, 5 and 6 of regulation 7 shall be read as 2, 3, 4 and 5 respectively.

Note : The principal regulations were published in the Gazette of India, Extraordinary Part III, Section 4 vide F. No. 14-31/2018(CPP-II) dated 28th July, 2021.

Prof. RAJNISH JAIN, Secy.

[ADVT.-III/4/Exty./551/2021-22]

विनियम 7 के उप-विनियम 2 को हटा दिया जाएगा।

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प्रो. रजनीश जैन, मन्त्रि

[विज्ञापन-III/4/अमा./551/2021-22]

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Prof. RAJNISH JAIN, Secy.

[ADVT.-III/4/Exty./551/2021-22]

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प्रो. राजनीश जैन, सचिव

[विज्ञापन-III/4/असा./551/2021-22]

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Prof. RAJNISH JAIN, Secy.

[ADVT.-III/4 Exty. 551.2021-22]

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प्रो. राजनीश जैन, सचिव

[विज्ञापन-III/4/अमा./551/2021-22]

**UNIVERSITY GRANTS COMMISSION
NOTIFICATION**

New Delhi, the 28th December, 2021

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Prof. RAJNISH JAIN, Secy.

[ADVT.-III 4 Exty. 55] 2021-22]



अन-विज्ञान विमुक्तये

प्रो. रजनीश जैन
सचिव

Prof. Rajnish Jain
Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission

(शिक्षा मंत्रालय, भारत सरकार)

(Ministry of Education, Govt. of India)

बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002
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E-mail : secy.ugc@nic.in

D.O.No.1-6/2007 (CPP-II)(New)

13th April, 2022

Respected Madam/ Sir,

The National Education Policy - NEP 2020 states that pedagogy must evolve to make education more experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centred, discussion-based, flexible, and, of course, enjoyable. The policy envisions imaginative and flexible curricular structures to enable creative combinations of disciplines for study, that would offer multiple entry and exit points, thus, removing currently prevalent rigid boundaries and creating new possibilities for life-long learning and centrally involve critical and interdisciplinary thinking.

With the rapid increase in demand for higher education and limited availability of seats in regular stream, several Higher Education Institutions (HEIs) have started a number of programmes in Open and Distance Learning (ODL) mode to meet the aspirations of students. It has also led to the emergence of online education programmes which a student can pursue within the comforts of her / his home. The issue of allowing the students to pursue two academic programmes simultaneously has been examined by the Commission keeping in view the provisions envisaged in the National Education Policy - NEP 2020 which emphasizes the need to facilitate multiple pathways to learning involving both formal and non-formal education modes.

In view of above, UGC has framed the guidelines for pursuing two academic programmes simultaneously which are attached herewith.

All the universities and their affiliated colleges/institutions are requested to implement these guidelines for the benefit of the students.

With kind regards,

Yours sincerely,

(Rajnish Jain)

To
The Vice-Chancellors of all Universities
The Principals of all Colleges/Institutes

Guidelines for Pursuing Two Academic Programmes Simultaneously



ज्ञान-विज्ञान विमुक्तये

**University Grants Commission
Bahadur Shah Zafar Marg
New Delhi**

April, 2022

Guidelines for Pursuing Two Academic Programmes Simultaneously

Background

The National Education Policy - NEP 2020 states that pedagogy must evolve to make education more experiential, holistic, integrated, inquiry-driven, discovery-oriented, learner-centred, discussion-based, flexible, and, of course, enjoyable. The policy envisions imaginative and flexible curricular structures to enable creative combinations of disciplines for study, that would offer multiple entry and exit points, thus, removing currently prevalent rigid boundaries and creating new possibilities for life-long learning and centrally involve critical and interdisciplinary thinking.

With the rapid increase in demand for higher education and limited availability of seats in regular stream, several Higher Education Institutions (HEIs) have started a number of programmes in Open and Distance Learning (ODL) mode to meet the aspirations of students. It has also led to the emergence of online education programmes which a student can pursue within the comforts of her / his home. The issue of allowing the students to pursue two academic programmes simultaneously has been examined by the Commission keeping in view the proposals envisaged in the National Education Policy - NEP 2020 which emphasizes the need to facilitate multiple pathways to learning involving both formal and non-formal education modes.

In view of above, UGC has framed the following Guidelines.

Objectives

To allow the students to pursue two academic programmes simultaneously keeping in view the following objectives envisaged in NEP 2020:

- recognizing, identifying, and fostering the unique capabilities of each student, by sensitizing teachers as well as parents to promote each student's holistic development in both academic and non-academic spheres;
- no hard separations between arts and sciences, between curricular and extra-curricular activities, between vocational and academic streams, etc. in order to eliminate harmful hierarchies among, and silos between different areas of learning;

- multidisciplinary and a holistic education across the sciences, social sciences, arts, humanities, and sports for a multidisciplinary world in order to ensure the unity and integrity of all knowledge;
- enabling an individual to study one or more specialized areas of interest at a deep level, and also develop character, ethical and constitutional values, intellectual curiosity, scientific temper, creativity, spirit of service.
- offering the students, a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as professional, technical, and vocational subjects to make them thoughtful, well-rounded, and creative individuals.
- preparing students for more meaningful and satisfying lives and work roles and enable economic independence.

Guidelines

1. A student can pursue two full time academic programmes in physical mode provided that in such cases, class timings for one programme do not overlap with the class timings of the other programme.
2. A student can pursue two academic programmes, one in full time physical mode and another in Open and Distance Learning (ODL)/Online mode; or up to two ODL/Online programmes simultaneously.
3. Degree or diploma programmes under ODL/Online mode shall be pursued with only such HEIs which are recognized by UGC/Statutory Council/Govt. of India for running such programmes.
4. Degree or diploma programmes under these guidelines shall be governed by the Regulations notified by the UGC and also the respective statutory/professional councils, wherever applicable.
5. These guidelines shall come into effect from the date of their notification by the UGC. No retrospective benefit can be claimed by the students who have already done two academic programmes simultaneously prior to the notification of these guidelines.

The above guidelines shall be applicable only to the students pursuing academic programmes other than Ph.D. programme.

Based on the above guidelines, the universities can devise mechanisms, through their statutory bodies, for allowing their students to pursue two academic programmes simultaneously as mentioned above.



Netaji Subhas Open University

(Established by WB Act (XIX) of 1997, Recognized by UGC)

Accredited by NAAC with grade A

Centre for Internal Quality Assurance (CIQA)

DD-26, Sector-I, Salt Lake, Kolkata-700064

E-mail : ciqa@wbnsou.ac.in, www.wbnsou.ac.in

By Prof (V. Adh.)
18/10/22

Minutes of the meeting of Directors of Schools of Studies held on 17/10/2022
 in the Board Room at 3.30pm

Members presents:

Professor Ranjan Chakrabarti, Hon'ble Vice-Chancellor, NSOU
 Professor Kajal De, Director, School of Sciences
 Professor Chandan Basu, Director, School of Social Sciences
 Professor Manan Kr. Mandal, Director, School of Humanities and
 Professor Anirban Ghosh, Director (i/c), School of Professional Studies & Director, CIQA

As directed by Hon'ble Vice-Chancellor, the meeting was convened to finalize the Reviewer's Guide for the SLMs of the University.

The draft guidelines prepared (in the first meeting held 13/10/2022) on the basis of suggestions received from Dr. Srideep Mukherjee, Dr. Anamika Das, Dr. Manoj K. Halder, Dr. Papiya Upadhyay, and Sri Arijit Ghosh was placed in the meeting for its finalization.

Resolution:

It was decided that the Editor, himself may take the responsibility of the Reviewer to fill up the FORM for future reference. It will not involve additional time and cost. This written document will be used for NAAC too. The introduction of Reviewer's form may be considered as one of the best practices and quality indicator of the SLMs.

The Reviewer's Guide has been finalized with minor modifications as suggested by the Director, SoH.

The same may be placed in the Academic Council Meeting for adoption.

Placed before Hon'ble Vice-Chancellor for kind approval/ direction.

A. Ghosh
 17/10/2022
 Director, CIQA

VC Sir

Encl: Reviewer's Guide-format

18.10.2022
 18.10.2022

AP for
Academic Council
18/10

Copy to all concerned (Directors
of school and Registrar).
A. Ghosh
 18/10/22



NETAJI SUBHAS OPEN UNIVERSITY
Centre for Internal Quality Assurance
Guide for Reviewers/Editors of Self-Learning Materials (SLMs)

Dear Reviewer/ Editor,

Thank you for agreeing to evaluate this Study Learning Material (SLM) for us. Listed below are some aspects which we would request you to bear in mind while evaluating the said Study Learning Material.

The more detailed and comprehensive you can make the report, the better. Naturally, the author is anxious to get a preliminary decision from us, so please try and let us have your report by the agreed deadline.

1. Title of the paper/ Course:
2. Name of the Programme (MA/MSc./M.Com./MSW/MLIS/BA/B.Sc./B.Com/BLIS/B.Ed-Spl.Education):
3. Level of Programme (Under Graduate/ Post Graduate/2nd Degree)
4. Name and Contact Details of the Reviewer/ Editor:

PLEASE E-MAIL/ENCLOSE YOUR DETAILED REPORT.

We would request you to provide an analytical report underscoring the strengths and weaknesses of the proposed manuscript. Please highlight areas for improvement in case you think the manuscript could gain from partial/substantial reworking.

5. EVALUATION

(a) Is the author's language clear, concise and correct?

Acceptable	Revision Required
------------	-------------------

(b) Is the organization/ structure of the Self Learning Materials (SLMs) logical? Each unit/Module must have

- Objectives, at the beginning
- Introduction
- Main Content in detail (according to the syllabus)
- Summary/ Conclusion
- Question
- Further reading at the end of the unit/ module/course

- c) Does the language reflect the logical coherence of the syllabus in the development of study materials?
- d) Are there any notable omissions as per the given syllabus (if any give details)?
- e) Is there anything which should be deleted/toned down (if any give details)?
- f) Is the treatment authoritative, up-to-date, objective and technically correct?
- g) Are the diagrams, graphs and/or photographs pertinent and functional?
- h) If the manuscript contains quotes from any source (website/organization etc.), are these sources relevant/ authentic/ universally accepted?
- i) If the manuscript contains translated material, are the translations accurate and meaningful?
- j) Does the manuscript make any unsubstantiated arguments/claim or contain any material which is likely to be legally defamatory or controversial?
- k) Does SLM include "Reference/ Bibliography" at the end of each unit/module/course as per *APA (6th edition)*/*MLA 8th edition*/*"Bangla Academy Banan Bidhi"*? The author should indicate all the sources with proper citation style.
- l) Does each unit/ module contain some sample questions of 3 (three) types viz. long answer type, short answer type and objective type(MCQ);

6. RECOMMENDATIONS

(a) Taking everything into consideration, do you recommend that we publish this book:

- more or less as it is?
- with modifications?
- do not recommend publication

(b) If you do not recommend publication but nevertheless feel that the material put together by the author might, with further work (e.g., extension, re-arrangement, rewriting, abridgement), lead to an acceptable proposal, please let us know detailing your suggestions.

(c) If the author wishes to be put in touch with you to develop the manuscript, should we do that?

(Signature)



Professor (Dr.) Someswar Bhowmik
Centre for Online Education (COEdn)
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**Minutes of the Meeting held on 22/06/2022 at 2pm to discuss
Implementation/Activation of Credit Transfer Mechanism
with regard to SWAYAM-MOOCs**

Venue: NSOU Headquarters/ ZOOM platform

Members present:

1. Professor Subha Sankar Sarkar, Vice Chancellor, NSOU—Chairperson
2. CA Kishore Sengupta , Registrar
3. Prof. Kajal De, Professor of Mathematics & Director, School of Sciences
4. Prof. Anirban Ghosh, Director, CIQA & Schools of Professional Studies & Vocational Studies
5. Prof. Chandan Basu, Professor History & Director, School of Social Sciences
6. Dr. Srideep Mukherjee, Associate Professor of English, School of Humanities (online)
7. Dr. Papiya Upadhyaya, Assistant Professor of Education, School of Education
8. Dr. Sudeshna Chatterjee, Dy. Registrar (Academic)
9. Prof. Someswar Bhowmik, Officer-in-charge, Centre for Online Education—Convener

Officer-in-charge, Centre for Online Education welcomed all the participants and initiated the discussions.

He mentioned that this meeting has become imperative following an advisory from the Secretary, UGC [D.O.F.No.1-812017 (SWAYAM) 3rd June, 2022] with "Request to adopt University Grants Commission (Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds) Regulations, 2021". UGC has also shared a survey report on the status of credit transfer for non-technical courses for July 2021 Semester. It reveals that 72 students enrolled with 13 state/private universities/HEIs in West Bengal have sought credit transfer on the basis of credits earned through SWAYAM. But most important is the fact that amongst these 72 students, there is one NSOU student who has sought credit transfer.

Contd. ... P/2

B. Bhowmik



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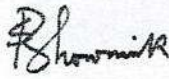
The Hon'ble Vice Chancellor suggested that it was high time an SOP for integration of SWAYAM-MOOCs at NSOU was framed to address not only the above matters but also to implement the provisions of the University Grants Commission (Open and Distance Learning Programmes and Online Programmes) Regulations, 2020 along with NEP 2020 Guidelines in letter and spirit.

After threadbare discussion, the following were resolved:

1. SWAYAM-MOOCs Courses/Credits should be accepted for GE across all the Schools, subject to mapping of Course Content and Engagement Hours.
2. SWAYAM-MOOCs Courses/Credits should be accepted for AECC-1 [Bengali/English] across all the Schools.
3. SWAYAM-MOOCs Courses/Credits should be accepted for AECC-2 [ENVS] across all the Schools.
4. Acceptance of SWAYAM-MOOCs Courses/Credits for SEC, DSE & CC should depend upon the respective Schools.
5. SOP for Credit Transfer mechanism—(a) application for inbound Credit Transfer to be submitted to the Controller of Examinations; (b) these applications to be routed to appropriate Schools; (c) Credit Equivalence/Weightage to be proposed by the appropriate department in consultation with the Board of Studies under the aegis of respective Schools.

Submitted for direction/approval.

Dated: 23/06/2022


23/06/2022
Prof. (Dr.) Someswar Bhowmik
Officer-in-charge
Centre for Online Education

*Approved for circulation amongst
all concerned.*

*ve/ks/2
23.06.2022*

*Prof. S. Bhowmik.
Off. COEdn*

Prof. S. Bhowmik

A Draft Note on Equivalence and Conversion of SWAYAM MOOCs for NSOU

The following is suggested considering a 4-credit SWAYAM MOOC which tallies with NSOU syllabus:

A. Equivalence

A 4-credit SWAYAM MOOC carries total marks of 100 [30 for Assignments & 70 for Proctored Examination] => **Mark Load per Credit** for SWAYAM MOOC is 25 [110/4]. (A)

NSOU prescribes 70 marks [20 for Assignments & 50 for TE Exam.] for a 6-credit course => **Mark Load per Credit** for NSOU is 11.67 [70/6]. (B)

Comparing (A) & (B), we can say that the Load Value of SWAYAM MOOC is 2.4 times [(A)/(B)] the Load Value of NSOU course, which is compatible in terms of CBCS content => SWAYAM MOOC has a **Load Quotient** of 2.14 per credit compared with NSOU. (C)

Hence a 4-credit SWAYAM MOOC may be treated as EQUIVALENT to 8.56 credit score at NSOU [4 x 2.14 = 8.56].

The above IMPLIES, a student who successfully completes a 4-credit SWAYAM MOOC may be awarded 8.56 credit score for his/her effort. But, since NSOU awards only 6 credits at the maximum, the student may be awarded 6 credits, which will be shown in the Marks-sheet.

B. Conversion of Marks

SWAYAM MOOC marks have TWO distinct components adding up to Full Mark [30 for Assignments + 70 for Proctored Examination = 100].

To convert SWAYAM marks NSOU has to **scale down**, multiplying marks of all the THREE components by 0.7.

Marks for each component to be restricted to the maximum in each component prescribed at NSOU, i.e. 20 for Assignments and 50 for TE Examinations. Any mark being excess in one component to be distributed to the other component, so that the total marks and percentage remain unaffected.

EXAMPLE

A student completes a 4-credit SWAYAM MOOC with 72%, scoring 30/30 for In-course Assignments and 42/70 in Proctored Examination.

NSOU conversion may be as follows—

$$30 \times 0.7 = 21, 42 \times 0.7 = 29.4, 72 \times 0.7 = 50.4$$

Maximum marks for Assignments at NSOU are 20. So, NSOU will award only 20 for the student's Assignment, award 30.4 [29.4+1], rounded off to 30, for his/her TE Exam. His/her Total marks will be 50, rounding off 50.4.

The student's Marks-sheet will show the above marks.

P. Shrivastava

28th June 2021

SWAYAM Credit Equivalence Matrix

SWAYAM Credit	Full Marks	Marks Load per Credit	NSOU Credit	Full Marks	Marks Load per Credit	SWAYAM Load Quotient	NSOU Credit Equivalence
1	100	100	2	70	35	$100/35=2.86$	$1 \times 2.86 = 2.86$, at least 2
2	100	50	2	60	30	$100/30=3.33$	$1 \times 3.33 = 3.33$, at least 3
			2	70	35	$50/35=1.43$	$2 \times 1.43 = 2.86$, at least 2
3	100	33.33	2	60	30	$50/30=1.67$	$2 \times 1.67 = 3.34$, at least 3
			6	70	11.67	$33.33/11.67=2.86$	$3 \times 2.86 = 8.58$, at least 8
4	100	25	6	70	11.67	$25/11.67=2.14$	$4 \times 2.14 = 8.56$, at least 8
5	100	20	6	70	11.67	$20/11.67=1.71$	$5 \times 1.71 = 8.55$, at least 8
6	100	16.67	6	70	11.67	$16.67/11.67=1.43$	$6 \times 1.43 = 8.58$, at least 8

Memorandum of Understanding for opening Learner Support Centre / Study Centre for Post-Graduate (Non-lab) Programmes of Netaji Subhas Open University

In terms of Netaji Subhas Open University First Statutes (Revised), 2014 No. 8(4) and No. 24(5) and in tune with the UGC (ODL programmes & Online Programmes) Regulations, 2020, this Memorandum of Understanding (MOU) is being signed between the University and the host Institution where the Learner Support Centre (LSC)/ Study Centre is housed.

In full appreciation of the aims and objectives of the University as well as its operational principles, the undersigned as the Head of

(Name of the Institution)
affiliated to
Located at the address :

puts on record the consent of the authorities of the Institution to house a Learner Support Centre(LSCs)/Study Centre (herein after the Centre) of the Netaji Subhas Open University (herein after the University or NSOU as it is commonly known) under the following terms and conditions:

- i) to make available for the said purpose necessary infrastructure such as two rooms each of size at least 600 sq ft. and provide services for efficient running of the Centre, including receiving of study materials from the University and distribution of the same to individual student;
- ii) To provide the class rooms/ seminar room as per requirements of the teaching-learning processes.
- iii) to comply with the Rules and Regulations, which are already in force and/ or which to be introduced by the University &/or the UGC-Distance Education Bureau (DEB) &/or other statutory body(ies) as may be applicable, in respect of LSCs / Study Centres from time to time;
- iv) to run the Post Graduate LSCs / Study Centres offering Arts, Commerce & Mathematics only out of the share amount received from the University in this regard as per the norms of the University which are in force and which may be promulgated from time to time.

- v) to maintain complete records of:-
- (a) all expenses including those incurred out of the amount received by the LSC/ Study Centre,
 - (b) student enrolment, renewal and assessment in different subjects,
 - (c) academic and supportive staff working at the LSC/ Study Centre and
 - (d) all programmes of the LSC/ Study Centre;
- vi) to conduct examinations as and when required, in consonance with the schedule announced by the University;
- vii) to send regular reports to Director, Study Centres and/or other concerned officers of the University regarding the activities, needs and progress of the LSC/ Study Centre and to allow visiting teams consisting of University authorities and/ or any person who may be authorized by the University for monitoring purposes.
- viii) All teachers (including SACT-I) of LSCs have to participate in any academic activities as and when instructed by the University.
- ix) To engage coordinator along with other supporting staff following the G.B. (of the College/HEI concerned) resolution under intimation to the Director, Study Centres, NSOU.
- x) It would be the responsibility of all academic counsellors attached to the LSC/ Study Centre to participate in the teaching –learning and evaluation process of NSOU viz., Personal Contact Programme (PCP) and evaluation of answer papers of the Term-End and Assignment Examinations as may be assigned to them from time to time by the concerned authority of the college/ LSC/ Study Centre and/or NSOU.
- xi) LSCs/Study Centres will have to conduct laboratory based activities /field work/dissertation/hands on training (as would be applicable) for the enrolled learners of the University as and when instructed by the University.
- xii) The Principal/Teacher-in-Charge/Officer-in-Charge and Coordinator shall abide by the provisions of the relevant sections of NSOU Statutes /Law/Regulations and other directions which may be relevant for the purpose of the smooth running of the LSCs / Study Centres.
- xiii) LSCs / Study Centres shall create a TAB in the college Website for NSOU to give all information relating to the University. All the notices and schedules relating to Admission, Renewal, Personal Contact Programme, Examinations etc will be uploaded on the relevant link (TAB) of the college website.

- xiv) The Learner Support Centre/ Study Centre will put a notice board and signboard depicting the University name and logo at a distinct place in the college premises in order to make the same visible.
- xv) It shall be the responsibility of the LSC/ Study Centres to submit the Audit Report of the grants received by them by 31st May each year.
- xvi) Programme Offered : Vide Annexure (the programmes offered by the university to the LSC/Study Centre are provided in the annexure herein and shall be treated as the part and parcel of this agreement).
- xvii) The LSCs/study centre will organize Induction Meeting before the commencement of each academic session with newly admitted students. University officials (faculties/officer) may participate in the programme whenever necessary on invitation.
- xviii) The LSCs/ study centre should strictly follow the normal working hours which are as follows::
- Saturday (2pm to 5pm); Sunday (10.30am to 5.30pm)
- xix) The college/Higher Education Institution will not open more than two LSCs of two different Universities including NSOU. And it shall be the duty of the college to inform the NSOU if and when the second LSC is opened and put to function.
- xx) Neither Party will be liable for any failure or delay in performing an obligation under this Agreement that is due to any of the following causes (which events and/or circumstances are hereinafter referred to as "Force Majeure"), to the extent beyond its reasonable control: acts of God, accident, riots, war, terrorist act, epidemic, pandemic, quarantine, civil commotion, breakdown of communication facilities, breakdown of web host, breakdown of internet service provider, natural catastrophes, governmental acts or omissions, alteration, variation and repeal in laws or regulations that are in force, national strikes, fire, explosion, generalized lack of availability of raw materials or energy; provided that the parties stipulate that Force Majeure shall not include the novel coronavirus Covid-19 pandemic which is ongoing as of the date of the execution of this agreement.

For the avoidance of doubt, Force Majeure shall not include:-

- (a) financial distress nor the inability of either party to make a profit or avoid a financial loss,
- (b) changes in the market prices or conditions, or
- (c) a party's financial inability to perform its obligations hereunder.

This Force Majeure Clause applies for parties entering into the instant contract in the midst of the ongoing Covid-19 pandemic, and with restrictions imposed by the appropriate government which want to ensure that current existing circumstances at the time of execution of this agreement and/ or MOU are not considered Force Majeure events.

- xxi) In case of any litigation the High Court of Calcutta, should be the authority.
- xxii) The Clauses on Termination of this instant agreement shall be made on mutually agreed conditions subject to the protection of learners' interest and without causing any prejudice to them who are already enrolled.

This MOU comes into effect on the _____ day of _____ 2022 and this is in continuation of the previous MOU(s).

Signed on behalf of the University
Centre

Signed on behalf of the Study

Place: _____

Place: _____

Date: _____

Date: _____

(Official Seal)

(Official Seal)

Witness:

Witness:

Annexure-I

**Subjects offered to Dr. Kanailal Bhattacharya College Study Centre
under Post Graduate Programme of the University**

1. Geography

Centres

Director, Study



List of Courses under CLL

Certificate (3-6months)	Diploma (12months)	Advanced Diploma (12-24months)
Fire and Safety Skills	Land Survey	Travel & Tourism
Beauty Therapy and Hair Dressing	Yoga Education	Hospitality and Restaurant Management (2-year)
E-Accounting & Taxation with GST	Stress Management with Meditation	Disaster Risk Management
Tailoring	Medicine Shop Assistants	Export-Import Management
Amra Pari-Women empowerment programme	Entrepreneurship Development & Small Business Management	Graphic designing & Publishing
Solar Electrical Technician	2D Animation	Business Administration
Packaging Management	Graphic Design	Project and Infrastructure Management
Health Care Management	Video Editing	Modern Office Management
Community Respiratory Care Assistants	Web design and Development	Business and Office Administration
Assisting Respiratory Specialists in Practice	Digital Media and Marketing	Hospitality and Tourism Management
Art & Craft	Business Administration	Fashion Designing
Digital Marketing	DTP & Networking	Interior Designing
Training on ERP	Hospitality Management	Retail Management
Batik Printing	Naturopathy	
Information Technology Applications	Hospitality and Tourism Management	Visual Arts (Painting, Applied art & Graphic Design)-2 year
Human Rights	Medicine Shop Assistant	Interior Designing
Childhood and Adolescent Counselling	AC & Refrigeration Technician	Fashion Designing
Automobile Technician (2/3 Wheeler)	Organic Agriculture & Horticulture	
Smart Phone Repairing	Beauty Therapy & Wellness	
Family Counselling	Pharmacology Management	
Hand Embroidery	Automobile Maintenance	
Micro Business Development	Electrical Technician	
Supervisory Skills for Front Line Assistant	Digital Application Analyst	
Renewable Energy & Solar Technician	Graphic designing & Publishing	
Cyber Laws	Civil Construction Supervisor	
Laws of Insurance	Interior Designing	
Psychological Testing	Fashion Designing	
Labour Laws	Interior Decoration	
Consumer Rights & Awareness	Visual Arts (Painting, Applied art & Graphic Design)	
Childhood & Adolescent Psychiatry	Pulmonary Care Assistance	



Programmes under School (SVS)

Sl. No.	Name of the Course	Duration	Eligibility	Syllabus
1.	Needle Work & Knitting (Advanced Diploma)	2 Year	Graduate (10+2+3)	<i>Detail</i>
2.	Hospital Front Office Management (Advanced Diploma)	1 Year	Graduate (10+2+3)	<i>Detail</i>
3.	Psychological Counselling (Advanced Diploma)	1 Year	Graduate (10+2+3)	<i>Detail</i>
4.	Applied Yoga & Naturopathy (Advanced Diploma)	2 Years	Graduate (10+2+3)	<i>Detail</i>
5.	Tailoring & Dress Designing (Advanced Certificate & Advanced Diploma)	1 year/ 2 Years	Graduate (10+2+3)	<i>Detail</i>
6.	Fire Safety Skills and Security Management (Diploma Course)	1 Year	10+2	<i>Detail</i>
7.	Pre-Primary Teachers Education (Montessori) (Diploma Course)	1 Year	10+2	<i>Detail</i>
8	VISUAL ARTS (Diploma /Advanced) Specialisation : i)Painting , ii)Applied Art and Graphic Design	1 year/ 2 year	10+2/ Graduate (10+2+3)	<i>Detail</i>

MOOCs under SVS/CLL/ SPS

SL. No.	Course Name	Duration	Course Instructor	Course Coordinator (CC)
1	Introduction to GST (Developed for SWAYAM)	7 weeks	Dr. Anirban Ghosh	Dr. Anirban Ghosh
2	Corporate Tax Planning (Developed for SWAYAM)	15 weeks	Dr. Anirban Ghosh	
3	Research and Publication Ethics (Developed for SWAYAM)	8 weeks	Dr. Anirban Ghosh	
4	Child Rights and Protection	6 weeks	Kasturi S. Ghosh	
5	FDP on MOOCs (Developed with CEMCA)	2 weeks	Dr. Anirban Ghosh	
7	Fundamentals of Cyber Security	7 weeks	Sri Hillol Ghosh & Jayabrata Goswami	
8	Conversational English	6 weeks	Dr. Pratip Choudhury	
9	Understanding Neurodiversity (Developed with CEMCA)	4 weeks	Dr. Papiya Updahyay & Antara Choudhury	
10	Fundamentals on Heutagogy (Developed with CEMCA)	4 weeks	Dr. Papiya Updahyay	

Courses of George Telegraph under CII

Sl No.	Course Name	Duration	Eligibility	Fees	Centre List
ELECTRONICS					
1	Electrical & Electronics Appliances Technician	6 months	Appeared Class X Board Exam.	23,700	STUDY CENTRE OF THE G T T I
2	Smart Ph Repairing Technician (JUNIOR TECHNICIAN LEVEL)	3 months	Passed Class VIII Exam.	15,100	
3	Smart Ph Repairing Technician (SENIOR TECHNICIAN LEVEL)	3 months	Passed Class VIII Exam.	16,000	
4	CCTV Installation Technician	3 months	Appeared Class X Board Exam.	12,000	
5	Advance Network Engineering	6 months	H.S. + 1 year exp. In Computer Hardware or passed Comp Hardware Engg.	19,200	
6	Chip Level Laptop Repairing	6 months	Passed Class X Board Exam.	19,200	
7	Network Exprt	2 months	Completed Computer Hardware & Adv. Netwo	12,000	
8	Routing Switching Expert	3 months	Passed Class XII Board Exam.	18,700	
ELECTRICAL					
9	Armature Winder	6 months	Class IX	15,600	
MECHANICAL					
10	Auto Service Technician (TWO & THREE WHEELER)	3 months	Appeared Class X Board Exam.	10,700	
11	Automobile Sales & Marketing	6 months	Passed Class XII Board Exam	17,600	
12	Air-conditioning & Refrigeration Mechanic	6 months	Passed Class VII Exam	21,900	
CIVIL					
13	Field Surveying (Amin)	6 months	Passed Class X Board Exam	10,200	
14	3D MAX	2 months	Completed Interior Design & Decoration	11,600	

			or equ	
COMMERCIAL				
15	Office Management	10 months	Passed Class XII Board Exam.	29,800
16	Front Office Management	6 months	Passed Class XII Board Exam.	17,700
17	Back Office Management	4 months	Passed Class XII Board Exam.	11,900
18	Telephone Operator & Receptionist	6 months	Passed Class X Board Exam.	11,300
19	Stenography	3 months	Passed Class X Board Exam.	10,700
		6 months		22,300
		12 months		30,400
20	Advanced Stenography	3 months	Passed Class X Board Exam with basic knowled	15,200

COMMUNICATION

21	Spoken English	3months	Passed Class X Board Exam.	4,600
22	Advanced Spoken English	6 months	Passed Class X Board Exam.	7,300
23	Spoken English & Personality Grooming	3 months	Passed Class X Board Exam.	7,100
24	Professional Retailing Skills	3 Months	Passed Class X Board Exam.	8000
SOFTWARE				
25	Computer Application	6 months	Passed Class X Board Exam.	7,900
26	Computer Aided Drafting (CAD)	6 months	D'man/Polytech	11,900
27	Tally GST	3 months	Passed Class XII Board Exam (With Commerce)	7,800
28	Advanced Excel	3 months	Passed Class X Board Exam	5,300
29	MS. Office and DTP	3 months	Passed Class X Board Exam	9,700
30	Computer Application and office Management	12 months	Appeared Class XII Board Exam.	39,000
31	Dot Net Technology	6 Months	C.A.P. / H.S. (Science / Commerce) / Graduate	24,100
32	Internet Web Publising	6 Months	Passed Class X Board Exam.	9,300
33	Computer Application	3 months	Appeared Class X Board Exam.	9,000
34	Desktop Publishing	3 months	Appeared Class X Board Exam. & Completed Module I	6,000
35	Computer Aided Drafting	6 Months	D'man/Polytech	6,000
36	Computer Financial Accounting	3 months	Completed Module I & H.S Com	6,000
37	Certified Professional Accountant	6 Months	Pursuing Graduation in Commerce	16,900

BEAUTY & WELLNESS

38	Diploma in Cosmetology	12 months	Passed class X Board Exam.	62,800	STUDY CENTRE OF THE GTFTI
39	Diploma In Beauty Therapy & Management	12 months	Passed class X Board Exam.	34,900	
40	Diploma In Hair Styling	12 months	Passed class X Board Exam.	34,900	
41	Certificate in Self Grooming & Bridal Makeup	3 months	Class VIII pass	24100	
42	Certificate In Nail Treatment	6 months	Class VIII pass	44000	
43	Certificate in Beauty Therapist	6 months	Class VIII pass	20500	
44	Certificate in Advance Cosmetology & Hair Dressing	3 months	Class VIII pass	21500	
45	Certificate in Makeup Artist	3 months	Class VIII pass	10600	

GEORGE TELEGRAPH FILM & TELEVISION INSTITUTE
(A unit of George Telegraph Group)
Study Centre: GTFTI, NETAJI NAGAR (Code: C-

Sl. No.	Course Name	Duration	Eligibility	Fees	Centre List
1	Certificate in Acting	06 MONTHS	CLASS VIII PASSED (MINIMUM)	33800	Study Centre of GTFTI
2	Diploma in Acting	12 MONTHS	CLASS VIII PASSED (MINIMUM)	64600	
3	Certificate in Film-Direction	12 MONTHS	CLASS XII PASSED PREFERABLY GRADUATES IN ANY STREAM	105000	
4	Certificate in Cinematography	12 MONTHS	CLASS XII PASSED PREFERABLY GRADUATES IN ANY STREAM	105000	
5	Certificate in Theatre	12 MONTHS	CLASS XII PASSED (MINIMUM)	14000	
6	Crash Course in Modelling	4 MONTHS	CLASS XII PASSED (MINIMUM)	12000	