



Annexure 'A' of Agenda Item No. AC/11.01
(Total Page A-11 to 1-18) 41.01/A.01
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

Sector - 16C Dwarka, New Delhi - 110078

F.No. IPU/JR(C)/40th AC/2016/ 47

Dated: 05.03.2016

Subject- Proceedings of the 40th meeting of Academic Council.

Please find enclosed herewith the proceedings of the 40th meeting of Academic Council of Guru Gobind Singh Indraprastha University held on Tuesday, 1st March 2016 at 11.30 a.m. in the Conference Hall of the University, Administrative Block-'A' wing, Dwarka Campus, New Delhi-110078 for approval.

Observations, if any may kindly be communicated to the office of the undersigned within week, consequent to no observation(s), communicated, the proceedings will be assumed as deemed approved.

Jt. Registrar (Coordination)
coordination112@gmail.com

09868527302/011-25302135

Dated: 05.03.2016

F.No. IPU/JR(C)/40th AC /2016 /47

- 1) All Deans and Directors of Guru Gobind Singh Indraprastha University
- 2) Prof.P.K.Julka, Dept. of Clinical Oncology, AIIMS, New Delhi.
- 3) Prof.M.C.Sharma, School of Education, (IGNOU), New Delhi.
- 4) Prof.M.P.Gupta, Department of Management Studies, IIT, Delhi.
- 5) Prof.A.K.Maitra, Former Director, School of Planning & Architecture, Delhi.
- 6) Prof.Karmeshu, School of Computer & System Sciences, JNU, New Delhi.
- 7) Prof. Surender kumar, Deptt. of Chemical Technology, IIT Roorkee, Uttarakhand.
- 8) Prof.J.P.Khurana, Dept. of Plant Molecular Biology, Faculty of Interdisciplinary & Applied Sciences, University of Delhi, South Campus.
- 9) Prof. Lallan Prasad, Retired Head and Dean of Dept. of Business Economics, Faculty of Applied Social Sciences, University of Delhi, South Campus.
- 10) Shri Arvind Misra, Former Dean, Faculty of Law, Dr. B.R. Ambedkar University, Agra, Ex.Director /Head, Post Graduate Deptt. of Law Agra College, Agra Former OSD (Law) to H.E. the Governor of UP, Lucknow.
- 11) Shri Sandeep Gupta, CEO, Academy of Embedded Technology, Delhi.
- 12) Prof. J.K. Garg, Professor, University School of Environment Management
- 13) Dr.Amar Pal Singh, Professor, University School of Law & Legal Studies.
- 14) Dr. Manpreet Kang, Associate Professor, University School of Humanities & Social Sciences
- 15) Dr. Meenu Kapoor, Associate Professor, University School of Biotechnology
- 16) Dr. Vaishali Singh, Associate Professor, University School of Basic and Applied Sciences

Copy for kind information of the Competent Authority:

- (i) AR to the Vice Chancellor GGSIP University
- (ii) SO to the Pro-Vice Chancellor GGSIP University
- (iii) AR to the Registrar GGSIP University

Jt. Registrar (Coordination)
coordination112@gmail.com

09868527302/011-25302135

24.01/A-82



GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

FORTIETH MEETING

OF THE

ACADEMIC COUNCIL

DATE : 01st March, 2016 (Tuesday)

TIME : 11:30 a.m. onwards

VENUE : CONFERENCE ROOM

PROCEEDINGS

SECTOR -- 16C, DWARKA, NEW DELHI.

INDEX OF AGENDA ITEMS

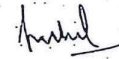
AGENDA No.	AGENDA ITEM(S)	Page No.
AC40.01	To confirm Proceedings of the 39 th meeting of Academic Council, held on 25 th June, 2015.	07
AC40.02	Action Taken Report on the Proceedings of 39 th meeting of the Academic Council, held on 25 th June, 2015.	07
AC40.03	To ratify the decision to include additional information, for all programmes of studies governed by the revised the University Ordinances No. 10 and 11.	07
AC40.04	To ratify the notification of the guidelines to address the operational difficulties arisen due to revision of the University Ordinances No. 10, 11 and repealing of the University Ordinance No.27, for the student batches admitted up to the academic session 2014-2015.	07-08
AC40.05	To ratify the decision regarding the specification of degrees as per the University Grants Commission (UGC), Gazette Notification dated 05 th July, 2014 No.F.5-1/2013 (CPP-II).	08
AC40.06	To inform the Academic Council regarding the statistics of the degrees to be conferred in the Eleventh Convocation of the Guru Gobind Singh Indraprastha University.	08
AC40.07	To consider and approve the list(s) of subject experts to be appointed for various purposes by the Guru Gobind Singh Indraprastha University.	08
AC40.08	To consider and approve the modified eligibility criteria, for creation of posts i.e., "As per Guru Gobind Singh Indraprastha University Recruitment Rules" in place of "As per UGC norms", as had been approved earlier by Academic Council in its 39 th meeting held on 25.06.2015 w.r.t University School of Humanities and Social Sciences.	09
AC40.09	To consider and approve the creation of teaching posts for the present and proposed courses in the University School of Biotechnology (USBT), to fulfil the manpower needs for teaching, research and entrepreneurship development in biotechnology to be implemented w.e.f. the academic session 2016-2017.	10
AC40.10	To ratify the delinking of the B.Tech. and M.Tech. degrees and to run a single M.Tech. programme (in place of the two at present) as per the revised curriculum, scheme of examinations and admission criteria to be implemented by the University School of Biotechnology (USBT) from the academic session 2016-2017.	10-11
AC40.11	To ratify the implementation of revised scheme and syllabus for M.Tech. (Food Processing Technology) course, offered by the University School of Biotechnology (USBT), from the academic session 2015-2016.	11

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AGENDA No.	AGENDA ITEM(S)	Page No.
AC40.12	To ratify the implementation of revised scheme and syllabus for Ph.D. course work, offered by the University School of Biotechnology (USBT), from the academic session 2015-2016.	11
AC40.13	To ratify the implementation of revised scheme and syllabus for Ph.D. course work offered by the University School of Law & Legal Studies (USLLS), from the academic session 2015-2016.	11
AC40.14	To ratify the implementation of revised scheme of evaluation and syllabus for Master of Law (One year), Alternative Dispute Resolution (ADR) course offered by the University School of Law & Legal Studies (USLLS), from the academic session 2015-2016.	12
AC40.15	To ratify the implementation of syllabus, course curriculum, scheme of evaluation, eligibility criteria and admission procedure of M.Phil. (Psychiatric Social Work) course offered by the University School of Medical and Para Medical Health Sciences (USMPHS), from the academic session 2015-2016.	12
AC40.16	To ratify the implementation of revised course curriculum and scheme of examinations for the following programmes offered by University School of Environment Management (USEM), from the academic session 2015-2016:- (i) M.Sc. (Environment Management) (ii) M.Sc. (Biodiversity and Conservation) (iii) M.Sc. (Natural Resource Management)	12-13
AC40.17	To ratify the implementation of revised scheme and syllabus of Ph.D. course work of University School of Education (USE), from the academic session 2015-2016.	13
AC40.18	To ratify the implementation of revised scheme and syllabus for Ph.D. courses in the discipline of (i) Physics (ii) Chemistry and (iii) Mathematics offered by the University School of Basic & Applied Sciences (USBAS) from the academic session 2015-2016.	13
AC40.19	To consider and approve the academic disciplines and syllabus for Research Aptitude Test, for the Ph.D. programmes offered by the University School of Engineering & Technology (USET), to be implemented from the academic session 2016-2017.	14
AC40.20	To ratify the implementation of the minor modification(s) in the scheme and syllabus of the Bachelor of Technology (B.Tech.) programmes approved by the Board of Studies of the University School of Engineering & Technology (USET):- (i) Electronics & Communication Engineering (ii) Mechatronics (iii) Computer Science & Engineering (iv) Electrical Engineering (v) Electrical & Electronics Engineering	15

411.01/A-05

AGENDA No.	AGENDA ITEM(S)	Page No.
AC40.21	To consider and approve the implementation of the minor modification(s) in the existing scheme and syllabus of Master of Technology (M.Tech.) in the following programmes approved by the Board of Studies of the University School of Information and Communication Technology (USICT), from the academic session 2015-2016:- <u>M.Tech.(Regular Programme):-</u> (i)Information Technology, (ii) Computer Science & Engineering,(iii) Information Security , (iv)Electronics & Communication Engineering, (v)Digital Communication, (vi)Signal Processing, (vii) RF & Microwave Engineering and (viii)VLSI Design <u>M.Tech.(Weekend Programme):-</u> (i) Computer Science & Engineering (ii) Information Technology (iii) Electronics & Communication Engineering	15-16
AC40.22	To ratify the Admission Brochure of the University for the Academic Session 2016-2017.	16
AC40.23	To consider and approve the institution of an Award (Gold Medal) in the name of Late Dr. Bhaskar Prakash Joshi (Ex-Registrar, Guru Gobind Singh Indraprastha University).	16
	Table Agenda	
AC40.24	To ratify the extension of last date of submitting eligibility proof by November 2, 2015 for result awaited students of Engineering, B. Arch. & Professional Programmes (Except MBBS / BDS / PGMC / SSMC), admitted during Academic Session 2015-2016.	17



The course curriculum and scheme of examinations for the above programmes have been revised as per the UGC guidelines, merging some old papers and including important aspects like wetland. The revised scheme and syllabus has been implemented with the approval of Competent Authority from Academic Session 2015-2016. The Academic Council after consideration ratified the revised course curriculum and scheme of examinations for the above programmes offered by University School of Environment Management as implemented from academic session 2015-2016.

Annexed as Annexure 'N' of Agenda Item No. AC40.16 (Page N-01 to N-4)

Agenda Item No. AC40.17: To ratify the implementation of revised scheme and syllabus of Ph.D. course work of University School of Education (USE), from the academic session 2015-2016.

In pursuance of the provision of regulations of the University Ordinance 12 for programmes leading to the degree of Doctor of Philosophy (Ph.D.), the University School of Education on the recommendation of sub-committee of the Academic Council (15th December 2015) has updated and revised scheme and syllabus for Ph.D. coursework. The revised scheme and syllabus has been implemented with the approval of Competent Authority from Academic Session 2015-2016. The Academic Council after consideration ratified the revised scheme and syllabus for Ph.D. coursework implemented from Academic Session 2015-2016.

Annexed as Annexure 'O' of Agenda Item No. AC40.17 (Page N-01 to N-10)

Agenda Item No. AC40.18: To ratify the implementation of revised course curriculum and scheme of examinations for Ph.D. courses in the discipline of (i) Physics (ii) Chemistry (iii) Mathematics offered by the University School of Basic & Applied Sciences (USBAS) from the academic session 2015-2016.

In pursuance of the provision of Regulations of the University Ordinance 12 for programmes leading to the degree of Doctor of Philosophy (Ph.D.), the University School of Basic & Applied Sciences has revised the course curriculum and scheme of examinations for Ph.D. courses as approved by the sub-committee of Academic Council (17th September, 2015) in the following disciplines:

- (i) Physics
- (ii) Chemistry
- (iii) Mathematics

The revised curriculum and scheme of examinations for Ph.D. programme has been implemented with the approval of Competent Authority from academic session 2015-2016.

The Academic Council after consideration ratified revised course curriculum and scheme of examinations for the above programmes as implemented from Academic Session 2015-2016.

Annexed as Annexure 'P' of Agenda Item No. AC 40.18 (Page - P-01 to P-33).

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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

University School of Education
Guru Gobind Singh Indraprastha University

Ph.D. Course Work

(Session 2015-16 onwards)

Approved by Academic Council in its 40th meeting held on 01/03/2016 vide agenda item 40.17.

Entrepreneurship | Employability | Skill Development

The Examination Scheme for Ph.D. course

The Examination will be held on the following guidelines:

- (1) The duration of the Ph.D. Course Work is divided into 2 semesters.
- (2) The first semester will comprise 14 classes of 3 hrs duration per paper.
- (3) The second semester will consist of supervisor directed course (need based) and research seminar.
- (4) The maximum marks for a paper code during first semester shall be 100.
- (5) Mid Semester Examination of Semester-I for each paper code, will be held after 7th week and it will be of 40 marks. The duration will be one & half hour.
- (6) The End Term Semester Examination (Semester-I), for each paper code, will be held after 14th week and it will be of 60 marks. The duration will be three hours.
- (7) The End Term 2nd Semester Examination will be as per NUES norms.

Format of Mid First Semester Examination for each paper code: The question paper will comprise five questions in all. Q.No. 1 will be compulsory. It will have six sub parts out of which a student will be required to attempt any four subparts. The marks for each sub-part will be 5 hence total weightage of Q.No. 1 will be 20 (4X5=20). From Q.No. 2-5, a student will be required to answer any two and each of the questions from Q.No. 2-5 will be of 10 marks. So, maximum marks are 40 (20 marks for Q.No.1 + 20 marks for any 2 questions out of Q. No. 2-5).

Format of End First Semester Examination for each paper code: The question paper will comprise five questions in all. A student will be required to attempt all questions. Q.No.1 will contain eight sub-parts/short questions. Each sub-part/short question will be of 4 marks. These sub-parts/short questions will be covering each of the four units of the syllabus of a paper code. Thus, two sub-parts/short questions will be from one unit and so on. Out of these sub-parts/short questions, a student will be required to attempt any five so, the weightage of Q No. 1 will be 20 marks. From Q.No. 2-5, each of the question will be from one unit with internal choice so, these questions will also cover all the four units and these questions will be of 10 marks each. So, the maximum marks are 60 (20 marks for Q. No. 1+ 40 marks for Q.No.2-5).

75% of attendance is compulsory for the course work.

Credit wise distribution of paper codes of Ph.D. course

Semester:1				
S.N.	Paper Code	Paper	Credits	(L+T)
1	PHD699101	Research Methodology	3	(2+1)
2	PHD699103	Philosophical and Sociological Basis of Educational Research	3	(2+1)
3	PHD699105	Recent Developments in Indian Education: Policy, Directives and Programmes	3	(2+1)
Semester: 2				
1.	PHD699102 (NUES)	Supervisor Directed Course (Need based) and Research Seminar	3	NUES

The entire Ph.D. course work is of 12 credits and a student will have to earn minimum 9 credits in all.

Marks wise distribution of paper codes of Ph.D. course

S.N.	Semester-I		
	Paper Code	Paper	Marks
1	PHD699101	Research Methodology-I	100
2	PHD699103	Philosophical and Sociological Basis of Educational Research	100
3	PHD699105	Recent Developments in Indian Education: Policy, Directives and Programmes	100
Total Marks			300 (I)
	Semester-II	Paper	Marks
1.	PHD699102 (NUES)	Supervisor Directed Course (Need based) and Research Seminar	100
Total Marks			100 (II)
Grand Total (I) + (II)=300+100			400

SEMESTER – I

Research Methodology

Paper Code: PHD699101

Credits: 3 (2L+1T)

Unit-I: Fundamentals of Research

Research: meaning, scope, limitation, nature (fundamental, applied and action). Scientific Inquiry- concept, assumptions and their role. Paradigm-meaning, Positivist and Non-positivist paradigms. Major orientations in educational research- Philosophical, Historical, Sociological and Psychological. Types of Educational Research- Descriptive, Evaluative, Historical, Philosophical, Developmental, Co relational research, Ethnographic Research, Experimental research, Ex-Post Facto Research, Action research etc.

Unit-II: Research as a process

Skills required for conducting research. Sources of research data- primary and secondary sources. Population and sample, Sampling techniques- concept, types (random, purposive, stratified random, probability and non-probability).

Unit-III: Research Tools

Tools and techniques of data collection for qualitative and quantitative research - observation, interview, questionnaire, rating scale, inventory, check list, content analysis. Reliability and validity of tools.

Unit-IV: Formulation of Research Proposal

Formulating research proposal- identification of a research problem, Review of related literature, research questions, objectives hypotheses-concept, types, formulation. Formatting, Citations, Bibliography, References, Chapterisation, writing, evaluating and reviewing research reports and papers.

References:

- Best, John W. & James Kahn Research in Education (2008). New York, Prentice Hall,
- Borg, Walter R. (1981) Applying Educational Research: A practical guide for teachers, New York Longman.
- Borg, Walter R. & Meridith, D. Gall (1979) Educational Research An introduction, New York, Longman
- Engelhart, Max D. (1972) Methods of Educational Research. Chicago, Rand Mc Nally & Co.
- Fox, David J. (1969) the Research Process in Education. New York, Holt, Rinehart & Winston. Inc.
- Guilford J.P. Fundamental Statistics in Psychology and Education, McGraw Hill, New York.
- Garrett H.E. (1967) Statistics in Psychology of Education. Vakils Pfeffer and Simons Private Ltd. Bombay.

Ph.D. Course Work

Paper Code: PHD699103

Credits: 3(2L+1T)

Paper: Philosophical and Sociological Basis of Educational Research

Objectives of the Course:

- To understand the indispensable role of Philosophy and Sociology in Education.
- To initiate scholars to the process of critical reflection of texts pertaining to the Philosophy of Education.
- To acquaint them about the ideas of thinkers in the realm of Education.
- To develop a critical understanding of the relationship between Philosophy and Education and Sociology and Education in the context of interdisciplinarity in research.

Unit –I Philosophy as a Discipline and its Role

- a) Philosophy a Liberal Discipline: Meaning and Relevance
- b) Functions of Philosophy: Speculative, Analytic, Prescriptive and Normative
- c) Philosophical Methods: Analysis, Synthesis, Induction, Deduction
- d) Philosophical Foundations of Research
- e) Sociological Foundations of Research

Unit-II Western and Indian Thinkers on Education

Thomas Kuhn, Emile Durkheim, Talcott Parsons, Martin Buber, Francis Bacon, Jean Paul Sartre, Rabindranath Tagore, Swami Vivekananda, Sri Aurobindo, Jiddu Krishnamurti, B.R. Ambedkar, Zakir Hussain, S. Radhakrishnan

Unit-III Social change and Education

- a) Social change and its implication on Education and Society
- b) Recent social development and their impact on Society and Education
- c) Media and its uses for uplifting the Education and Society with special reference to Social Media.
- d) Social Stratification and its impact on Society and Education

Unit –IV Critical Reflection on the writings of the following thinkers:

- a) Learning without Burden : Prof. Yashpal
- b) What is Worth Teaching : Prof. Krishna Kumar
- c) Pedagogy of the Oppressed : Paul Freire
- d) Deschooling Society: Ivan Illich
- e) Role of following social thinkers on Society and Education - Jyotiba Phule, Savitri Bai Phule, Raja Ram Mohan Roy, Dr. B.R. Ambedkar, Gopal Krishna Gokhale, Mohan Das Karmchand Gandhi, Mother Teresa.

References:

- Brubacher (1950) Modern Philosophies of Education, McGraw Hill Book Co. New York
- Krishnamurthi, J Education and the Significance of life, KFI Publications.
- Kumar Krishna (2004) What is Worth teaching/ 3rd Edition Orient Longman
- Gandhi M K (1956) Basic Education, Ahmedabad, Navjivan.
- Giroux Henry (2011) On Critical Pedagogy, Continuum Press.
- Govt. of India (1952) Report of the Secondary Education Commission, New Delhi
- Govt. of India, MHRD (1986, Revised 1992) National Policy of Education, New Delhi.
- Govt. of India, MHRD (1992) Programme of Action (Draft) New Delhi, Aravali Printers and Publishers.
- Paulo Freire (1996) Pedagogy of the Oppressed, Penguin Books.
- Mani R S (1964) Educational Ideas and Ideals of Gandhi and Tagore, New Book Society New Delhi.
- Noddings Nel (2012) Philosophy of Education, WestView Press.

Paper : Recent Development in Indian Education: Policy Directive and Programme

Paper Code: PHD699105

Credits: 3 (2L+1T)

Objectives:

- To acquaint the researcher with new knowledge pedagogies and approaches for teaching.
- To sensitize towards the need of revamping teacher education to ensure quality
- To understand the need of assessment, standards, and management in Education System.
- To develop an understanding of total quality management system in education
- To analyse the policy, programme and recent trends pertaining to Indian Education System.

Unit-1: New Knowledge Pedagogies and approaches in Educational Research

- Ensuring Learning out-come in Elementary Education
- Extending out reach of secondary and senior secondary Education
- Strengthening Vocational Education, Accelerating Rural Literacy, Adult Education and National Open Schooling Systems.
- Promotion of Information and Communication Technology in Education.
- Comprehensive Education – Ethics, Physical Education, Theory and Practice of Yoga and Life Skills and Value based Learning

Unit-II: Revamping Teacher Education for Quality Improvement

- Recent trends in Teacher Education and Present Scenario
- Issues related to Teacher Education programmes in India with reference to pre service and in-service Teacher Education programme
- Inclusive pedagogy and its challenges for revamping Teacher Education.
- Centrally sponsored scheme for Teacher Education for promoting research aptitude in Teachers.
- Role of UGC based Teacher Education for promoting research in teacher Education, Fund and grant system, Assessment and Management Systems.

Unit-III: Standards, School Assessment and School Management.

- Total Quality Management: Concept-indicators of quality, setting standards for performance
- Institutional Autonomy and Accountability
- Pro-visional financial Education in 12th five year plan.
- Assessment and accreditation in Education
- Role of ISO, QCI and NAAC

Unit-IV: Indian Education: Planning and policy

- Concept, scope approaches of Educational Planning, Policy Formulation, Process and Implementation,
- Issues and Policy change at National and State level affecting Indian Education with reference to RTE, SSA(UEE), RMSA, RVSA and other related national and state level Educational Schemes, implementation and monitoring
- Globalization and Internationalization and its impact on Educational Policy in Hindi.
- International trends in Educational Research with special reference to Teacher Education
- Competency based Teacher Education and Innovative programmes for Professional Development of Teachers and Teacher Education

References:

- Desai D.M.: New directions in the Education of Indian teachers Baroda, M.S. University 1971.
- Gupta Arun K.: Teacher Education: Current & Prospects New Delhi, Sterling Publications 1984.
- India, Ministry of Education; Report of the Education Commission (1964-66) Education & National development New Delhi publication division 1966.
- Jangira N.K.: Teacher training & teacher effectiveness an experience in teacher, behaviour New Delhi, National Publishing House, 1979.
- NCF 2000, NCF 2005-NCERT Publication, New Delhi.
- NCFTE-2009-NCTE Publication, New Delhi.
- UNESCO: Regional office for Education in Asia, Bangkok, Exploring, New dimensions in Teacher Education, Bangkok, UNESCO, 1976:
- UNESCO: A System approach to teaching & learning procedures a guide for teacher Educators, Paris: UNESCO, 1981.
- Government of India (1987) Programme of Action, New Delhi: MHRD.

SEMESTER – II

Supervisor Directed Course (need based) and Research Seminar

Paper Code: PHD699102

Credits: 3 (NUES)

PART-A

Supervisor Directed Course (need based)

Credit: 1

Supervisor directed Course shall involve acquainting the research scholars with the use of the tools and techniques of research. The scholars shall work on the following with respect to nature of the research domain undertaken:

1. Techniques of Sampling
2. Development of a tool for research (using the procedure of standardization) e.g. Questionnaire, Interview schedule, Observation schedule, Rating Scale etc.
3. Development of a Research proposal
4. Preparation of Bibliography on a specific research topic (APA Style)
5. Fourteen periods of 1 hour duration shall be devoted by the respective supervisor with his/her scholar.

PART-B

Research Seminar

Credits: 2

The scholars are expected to present the research problem of their area of interest. The supervisor shall also assess the presentation skills of the scholar in the seminars.

- Fourteen Seminars of 2 hours duration shall be held in the school on weekly basis wherein all scholars and all supervisors shall be present.