UNIVERSITY OF PUNE

POST GRADUATE DIPLOMA In

EDUCATION OF THE GIFTED: METHODS AND STRATEGIES

After Post Graduation

*The present programme will consist of two semesters of 40 credits

Each semester carrying 20 credits.

Implementation of Credit and Semester System at PG Centers

1. The P. G. Diploma after Post -graduation will be awarded to students who obtain total credits as follows:

Sr. No.	Name of the Faculty	Duration of the course	Total Credits	Average Credits per semester
1	Faculty of Mental and Moral Sciences	1 year	40	20

2. One credit will be equivalent to 15 clock hours of teacher-student contact per semester.

Examination Rules

- 1. Assessment shall consist of
 - a) In semester continuous assessment and
 - b) Semester end assessment
 Both shall have an equal weightage of 50 % each.
- 2. The teacher concerned shall announce the units for which each in semester assessment will take place. However, the end semester assessment shall cover the entire syllabus prescribed for the course.
- 3. An in- semester assessment of 50% marks should be continuous and at least two tests should be conducted for full course of 4 credits and a teacher must select a variety of procedures for examination such as:
 - i. Written Test and/or Mid Term Test (not more than one or two for each course)
 - ii. Term Paper;
 - iii. Journal/Lecture/Library notes;
 - iv. Seminar presentation;
 - v. Short Quizzes;
 - vi. Assignments;
 - vii. Extension Work;
 - viii. An Open Book Test (with the concerned teacher deciding what books are to be allowed for this purpose)

The concerned teacher in consultation with the Head of the PG Department shall decide the nature of questions for the Unit Test

- 4. Semester end examination for remaining 50% marks will be conducted for all papers.
- 5. The student has to obtain 40 % marks in the combined examination of In Semester assessment and Semester-End assessment with a minimum passing of 30 % in both these separately.
- 6. To pass the course, a student shall have to get minimum aggregate 40% marks (E and above on grade point scale) in each course.
- 7. If a student misses an internal assessment examination he/she will have a second chance with the permission of the Principal in consultation with the concerned teacher. Such a second chance shall not be the right of the student.
- 8. Internal marks will not change. A student cannot repeat Internal Assessment. In case she/he wants to repeat internal assessment she/he can do so only by registering for the said courses.
- 9. Students who have failed semester end exam may reappear for the semester end examination only twice in subsequent period. The student will be finally declared as failed if she \he does not pass in all credits within a total period of four years. After that, such students will have to seek fresh admission as per the admission rules prevailing at that time.
- 10. A student cannot register for the second semester, if she/he fails to complete 50% credits of the total credits expected to be ordinarily completed within first semester.
- 11. There shall be Revaluation of the answer scripts of Semester-End examination but not of internal assessment papers.
- 12. While marks will be given for all examinations, they will be converted into grades. The semester end grade sheets will have only grades and final grade sheets and transcripts shall have grade points average and total percentage of marks (up to two decimal points). The final grade sheet will also indicate the PG Center to which the candidate belongs.

Credit and Marks Weightage according to Semesters

Compulsory courses are for 4 credit of which 2 credits are for practical work. Practical work consists of field visit, lab work, psychological test administration and scoring, survey, presentations, group discussions, etc. Review of literature, reading assignments will be used to make the course more learner based. This will help to make the course action oriented and exposing the students to current scenario.

1. The semester wise distribution is as follows –

Semester I

Course	Code	Papers	Credits	Total No. of hrs	Marks
Compulsory	A	Human Intelligence	4	60	100
Compulsory	В	Concept of Giftedness	4	60	100
Compulsory	С	Psychology of the Gifted	4	60	100
Compulsory	D	Methods and Strategies of Identification of the Gifted	4	60	100
*Elective	I	Giftedness : Role of Environment	2	30	50
*Elective	J	Giftedness: Social Emotional Aspects	2	30	50
*Elective	K	Career Guidance for the Gifted	2	30	50

^{*}Elective – Any two may be chosen

Total papers compulsory 4 and Elective 1 (2 out of 3 to be attended)

Semester II

Course	Code	Papers	Credits	Total No. of hrs	Marks
Compulsory	Е	Educating the Gifted	4	60	100
Compulsory	F	Gifted Individuals with Differences and Diversities	4	60	100
Compulsory	G	Towards Creative Leadership	4	60	100
Compulsory	Н	Mentoring and Counseling the Gifted	4	60	100
*Elective	L	Parenting the Gifted	2	30	50
*Elective	M	Project Work	2	30	50
*Elective	N	Gifted Programs for Schools	2	30	50

^{*}Elective – Any two may be chosen

Total papers compulsory 4 and Elective 1 (2 out of 3 to be attended)

2. Marks / Grade / Grade Point

Marks	Grade	Grade Point
100 to 75	O- Outstanding	06
74 to 65	A- Very Good	05
64 to 55	B – Good	04
54 to 50	C- Average	03
49 to 45	D – Satisfactory	02
44 to 40	E – Pass	01
39 and below	F - Fail	00

3. Final Grade Points:

Grade Point	Grade Point
05.00 to 06.00	06
04.50 to 04.99	05
03.50 to 04.49	04
02.50 to 03.49	03
01.50 to 02.49	02
00.50 to 01.49	01
00.00 to 00.49	00

Objectives

To orient the students about concept of intelligence and giftedness, process of development of gifted, and nurture of various types of gifted to motivate them for change in quality of life of gifted.

Outcome of the programme –Gifted identifiers, teachers for Gifted, counselors for Gifted, facilitators for enhancing giftedness, Researchers

Micro Objectives:

- 1. To acquaint the student with various concepts of intelligences and the biological basis of it
- 2. To acquaint the student with historical transition of 'giftedness' in the purview of international scenario
- 3. To acquaint the student with psychology of gifted and their development through childhood to adulthood
- 4. To orient the students with different assessment methods for identifying giftedness and profiling them
- 5. To acquaint the student with the process of enhancing natural potentials of the identified gifted and nurturing them through educational models and various programmes
- 6. To acquaint the students for ways and means of strengthening the support system of the gifted
- 7. To sensitize the students for exploring the needs of the country
- 8. To help the student conversant and ready to apply identification of gifted procedures
- 9. To help the students efficient to design and implement training for the gifted
- 10. To help the student design research and apply the findings in practice

SYLLABUS FOR POST GRADUATE DIPLOMA In

EDUCATION OF THE GIFTED: METHODS AND STRATEGIES

After Post Graduation

SEMESTER I

COMPULSORY SUBJECT 1 - FROM INTELLIGENCE TO GIFTEDNESS

A]	Human	Credits - 4		
Module A1]	Nature o	Credit – 1		
	A1.1]			
		A1.1.1]	The beginning- Definitions by Galton, Spearman, Binet	
		A1.1.2]	Contemporary definitions- Gardner, Goleman, Sternberg	
	A1.2]	Approach	nes to Intelligence	
		A1.2.1]	Indian Approach to Intelligence	
		A1.2.2]	Cognitive, Neurobiological and Psychometric Approach	
Module A2]	Theories	Credit – 1		
	A2.1]	Single Fa	actor Theories	
		A2.1.1]	Terman's g Factor	
		A 2.1.2]	Neurobiological Evidence	
		A2.1.3]	Limitations of Single Factor Theories	
	A2.2]	Multi Fac	ctor Theories	
		A2.2.1]	Guilford's Structure of Intellect Model	
		A2.2.2]	Sternberg's Model	
Module A3]	Practical	Credits - 2		
	A3.1]	Intelligen	ice Testing for Different Age Groups	
		A3.1.1]	Types of tests available to measure intelligence	
		A3.1.2]	Sample test kits- ICIT, MA	
		A3.1.3]	Basis for selecting test- purpose, age group, background	
		A3.1.4]	Ethical considerations in testing	

	A3.2]	Practice 'Test Rep	Test Administration and Understanding orts	
		Three ag	e groups	
		Age 4 to	10	
		Age 10-1	5	
		Age 15-7	70	
		Group te	sting	
B]	Concept of	•	Q	Credits – 4
Module B1]	Meaning of			Credit - 1
	B1.1]		ss- Definitions, types	
	_	B1.1.1]	Giftedness definitions across different countries	
		B1.1.2]	Changes in giftedness definition through the ages	
	B1.2]	Difference	ce between Gifted and Talented	
		B1.2.1]	Understanding concepts of gifted and talented	
		B1.2.2]	Differences between the terms	
Module B2]	Diverse Ap	proaches t	o Giftedness	Credit - 1
	B2.1]	Western	Approaches	
		B2.1.1]	Marlands report	
		B2.1.2]	A Nation deceived report	
		B2.1.3]	Assets and limitations	
	B2.2]	Eastern A	Approaches	
		B2.2.1]	Reference of gifts and talents in Indian philosophy	
		B2.2.2]	Approach of- Potential for Advanced Development	
Module B3]	Practical W	ork- Liter	rature Review	Credits - 2
	B3.1]	In-depth	study of one particular type of gifted	
	B3.2]	Giftedne	ss matrix of 5 individuals	

COMPULSORY SUBJECT 2 - UNDERSTANDING AND IDENTIFYING THE GIFTED

C]	Psych	ology of	the Gifted	Credits – 4
Module C1]	Charac	cteristics of	f the Gifted	Credit - 1
	C1.1]	Characte	ristics of the Gifted	
		C1.1.1]	Characteristics of the gifted: with reference to cognitive, emotional, social and moral aspects	
		C1.1.2]	Characteristics of the creatively gifted	
	C1.2]	Special N	Needs and Challenges	
		C.1.2.1]	Special needs of the gifted: positive characteristics	
		C.1.2.2]	Challenges of the gifted: Negative characteristics of the Gifted	
Module C2]	Growth	n of Gifted	Across Life Span	Credit - 1
	C2.1]	Stages of	Development	
		C2.1.1]	Understanding growth of gifted with reference to developmental stages	
		C2.1.2]	Study of various stages or process theories for development of the Gifted	
	C2.2]	Develop	mental Areas	
Module C3]	Practic	Credits - 2		
	C3.1]	Studying	autobiographies/ biographies of the gifted	
	C3.2]	-	rofiles on various characteristics of the gifted s stages of development	
D]	Metho Gifted		trategies of Identification of the	Credits - 4
Module D1]	Need fo	Need for identification		
	D1.1]	Understa	nding need for Identification	
		D1.1.1]	Importance of identifying giftedness for the child	
		D1.1.2]	Importance of identifying potential for the society/country	
	D1.2]	Indicator	s for Identification	
		D1.2.1]	Translate characteristics into observable indicators	
		D1.2.2]	Indicators according to types of giftedness and age group	

	D2.1]	Standar	dized Instruments	
		D2.1.1]	Importance and need for standardized instruments	
		D2.1.2]	Available standardized tests- types	
	D2.2]	Other In	nstruments	
		D2.2.1]	Contexts which require non-formal instruments- types of non formal tools	
		D2.2.2]	Benefits and limitations of using such instruments	
Module D3]	Practic	al Work-	Using Identification Tools	Credits - 2
	D3.1]		Giftedness Matrix for identification and use dized and non-standardized instruments for cation	
		nomina	te a gifted matrix for 5 cases with teacher tion, peer nomination, parent nomination and from a standard instrument.	
	D3.2]	Devisin gifted c	g few sample tools or techniques to identify hildren	
		_	ng one tool to assess one quality / trait / ral indicator and standardize it on 100 children	
Below are 3 El	ectives f	or Semest	er I (Student selects any 2)	
I]	Gifted	lness: R	ole of Environment	Credits – 2
Module I1]	Unders	standing a	and Assessing the Environment	Credit- 1
	I1.1]	Assessm	ent of the home environment	
		I1.1.1]	Home environment: list factors/aspects, facilitating factors and hindering factors	
		I1.1.2]	Assessment tools for measuring the aspects important for gifted	
	I1.2]	Assessm	ent of the school environment	
		I1.2.1]	School environment: list Factors/aspects, facilitating factors and hindering factors	
		I1.2.2]	Assessment tools for measuring the aspects important for gifted	

Credit - 1

Module D2] Instruments for Identification of the Gifted

	I2.1]	Identify parents	and design some facilitating factors used by	
		I2.1.1]	"Prepare an action plan for creating stimulating environments at home on a selected aspect for the gifted	
		I2.1.2]	Using assessment results prepare an action plan & implement with the help of parents to make home environment more suitable for gifted development	
	I2.2]	Identify teachers	and design some facilitating factors used by	
		I2.2.1]	"Action plan for creating stimulating environments at school on selected aspect for gifted	
		I2.2.2]	Using assessment results design an action plan and execute it with help of teachers to make school environment more suitable for gifted development	
J]	Gifte	dness: So	ocial Emotional Aspects	Credits – 2
Module J1]	Social	Credit- 1		
	J1.1]	Emotion	al needs of the gifted	
		J1.1.1]	The emotional dimension of the gifted personality	
		J1.1.2]	Working on emotional competencies	
	J1.2]	Interpers	sonal relationships of the gifted	
		J1.1.1]	Overview of relationship issues among the gifted	
		J1.1.2]	Working on social competencies	
Module J2]	Relati	onship Ma	anagement for the Gifted	Credit- 1
	J2.1]	Identify	need for concern and intervention	
		J2.1.1]	Helping significant others understand the gifted and their relationships	
		J 2.1.2]	Effect of the changing socio cultural context on relationships	
	J2.2]	Training	in social skills for the gifted	
		J2.2.1]	Social skills of the gifted and problems associated: a review	
		J2.2.2]	Delivering effective coping strategies for relationship enhancement	
			9	

Module I2]

Creating Stimulating Environment

Credit-1

K]	Care	er Guidan	ce for the Gifted	Credits- 2
Module K1]	Overv	iew of caree	r profiling of the gifted	Credit- 1
	K1.1]	Introductio	n	
		K 1.1.1]	Reviews of careers of gifted	
		K1.1.2]	Career education for the gifted learners: aptitude tests	
Module K2]	Movin	Credit- 1		
	K2.1]	Importance of life goals in the lives of gifted		
		K2.1.1]	Exposing gifted adolescents to appropriate role models for purposeful action	
		K2.1.2]	Overview of areas of concern in the lives and careers of the gifted	

SEMESTER II

COMPULSORY SUBJECT 3- PROVISIONS FOR THE GIFTED

E] Edu	cating the Gifted	Credits - 4
Module E1]	Trends and models in Gifted Education	Credit – 1
E1.1]	Trends in the Western parts of the world	
	E1.1.1]Overview of the programs offered in U.S.A, U.K., Europ	pe and Australia
	E1.1.2] Highlights of the provisions available for gifted children	1
E1.2]	Trends in the Western parts of the world	
	E1.2.1]Overview of the programs offered in Japan, China, Russ	sia and India
	E1.2.2] Highlights of the provisions available for gifted children	n
Module E2]	Instructional practices used in schools: acceleration, enrich	ment and
	grouping	Credit – 1
E2.1]	Enrichment practices	
	E2.1.1] The schoolwide enrichment model	
	E2.1.2] Application and Research on enrichment	
E2.2]	Acceleration practices	
	E2.2.1]Enrichment and acceleration as complementary program	nme
	E2.2.2] Grouping and segregation	
	E2.2.3]Out of school programs and after school activities	
Module E3]	Practical work- Teachers for gifted learners	Credits - 2
E3.1]	Create profiles of gifted learners- their learning styles and needs	S
E3.2]	Interview and observe teachers to understand what makes a teachers	cher effective for
gifted	learners	

F] Gifte	ed individuals with differences and diversities	Credits – 4
Module F1]	Identification of gifted students at risk	Credit – 1
F1.1]	Gifted at risk	
	F1.1.1] conceptions of giftedness of high risk students	
	F1.1.2] Helping the gifted students at risk	
F1.2]	Special focus- Gifted with Disability	
	F1.2.1] Gifted with Learning Disability	
	F1.2.2] Gifted underachievers	
Module F2]	Supporting needs of students at risk	Credit – 1
F2.1]	Rural gifted	
	F2.1.1] Identification and nurture as challenge	
	F2.1.2] Overcoming the challenges	
F2.2]	Gifted girls	
	F2.2.1] Gender differences and issues of special concern	
	F2.2.2] Barriers at home, school and in society	
Module F3]	Practical work- Survey of gifted with diverse backgrounds	Credits – 2
F3.1]	Literature review on profiles of gifted with diverse backgrounds	
F3.2]	Report on special needs: cross-sectional or longitudinal studies	

COMPULSORY SUBJECT 4- SUPPORTING THE NEEDS OF THE GIFTED

G]	Towa	ards creative leadership	Credits – 4
Modu	ıle G1]	Creativity in relation to giftedness	Credit – 1
	G1.1]	Creativity- views of the concept	
		G1.1.1] Definitions of creativity	
		G1.1.2] Biological basis of creativity	
	G1.2]	Finding creative talent: assessment	
		G1.2.1] Observable characteristics of creatively gifted	
		G1.2.2] Standardized tools to identify creative talent	
Modu	ıle G2]	Leadership in relation to gifted	Credit – 1
	G2.1]	Leadership- identification: assessment	
		G2.2.1] Observable characteristics of gifted leaders	
		G2.2.2] Identification tools for gifted leaders	
	G2.2]	Creative Leadership	
		G2.2.1] Journeys of creative leaders- catalysts and blocks	
		G2.2.2] Review of existing training programs in leadership for	children
		and adolescents	
Modu	ıle G3]	Practical work- Enhancing leadership and creativity	Credits – 2
	G3.1]	Working Models for schools for gifted	
	G3.2]	Exploratory study of activities and programs for nurturing leader	ership and
		creativity	
H] Modu		toring and counseling the gifted Support system for the gifted	Credits – 4 Credit – 1
	H1.1]	Informal agencies supporting the gifted	
		H1.1.1] Parent guidance	
		H1.1.2] Family therapy models	
	H1.2]	Formal agencies supporting the gifted	
		H1.2.1] Teachers of the gifted-required competencies	
		H1.2.2] Role of educators	
		H1.2.3] Professional development of gifted teachers	

Module	H2]	Mentors of the gifted	Credit - 1
ŀ	H2.1]	Concept and significance	
		H2.1.1] What is mentorship?	
		H2.1.2] Need for mentorship	
		H2.1.3] Characteristics of a mentor and a mentee	
I	H2.2]	Structuring a mentorship	
		H2.2.1] Steps in structuring the mentorship	
		H2.2.2] Benefits of the mentorship	
Module	H3]	Practical work- Counseling for the gifted	Credits – 2
ŀ	H3.1]	Individual counseling practices for the gifted	
		H3.2.1] Survey of problems faced in relation to peers, authorita	ntive
		teachers in schools	
		H3.2.2] Appropriate counseling techniques to be used for ident	ified problems
ŀ	H3.2]	Under supervision- Observing and practicing mentoring & coun	nseling for 5 cases
O	of 1 of	the three age groups	
Below a	re 3 E	electives for semester II (Student selects any 2)	
L] F	Parent	ing the Gifted	Credits – 2
Module	L1]	Awareness for parents with gifted children	Credit- 1
I	L1.1]	Joys of being parent to a gifted child	
		L1.1.1] Characteristics of a gifted child	
		L1.1.2] Needs of a growing gifted child	
I	_1.2]	Challenges of being a parent to a gifted child	
		L1.2.1] Challenges associated with some of the characteristics of	of the gifted child
		L1.2.2] Being aware of the possible hurdles/obstacles in bringing	ng up a gifted
		child	

		L2.1.1] Parenting styles and their effects of the growth and dev	elopment of the
		gifted	
		L2.1.2] Providing a safe, stimulating and caring environment for	or the gifted
	L2.2]	Creating responsible parents	
		L2.2.1] Support given to collaborate with schools to nurture gif	ted child
		L2.2.2] Creating support groups and advocating the needs of gi	fted children
M]	Resea	arch Project	Credits – 2
Modu	le M1]	Review of existing research studies	Credit- 1
	M1.1]	Review research articles, thesis and other publications	
	M2.1]	Conduct a comparative study of gifted adults	
Modu	le M2]	Completion of any one research project mentioned	Credit- 1
	M2.2]	Designing and conducting a training program for gifted childre	n and youth
	M2.3]	Conducting an orientation program for parents and/or teachers	of the gifted
N]	Gifte	d Programs for schools Cr	redits – 2
_		d Programs for schools Cr Designing and planning gifted programs for schools	redits – 2 Credit- 1
_	le N1]		
_	le N1]	Designing and planning gifted programs for schools	
_	le N1]	Designing and planning gifted programs for schools Understanding the school system	Credit- 1
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system	Credit- 1
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr	Credit- 1 Tol the program Credit- 1
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr Creating a system for the gifted program	Credit- 1 Tol the program Credit- 1
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr Creating a system for the gifted program N1.2.1] Needs and objectives of the school- define giftedness, s	Credit- 1 rol the program Credit- 1 selection of
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr Creating a system for the gifted program N1.2.1] Needs and objectives of the school- define giftedness, sidentification procedures	Credit- 1 Tool the program Credit- 1 Selection of Eration and
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr. Creating a system for the gifted program N1.2.1] Needs and objectives of the school- define giftedness, sidentification procedures N1.2.2] Resource planning- list resources, infrastructure, cooperations.	Credit- 1 Tool the program Credit- 1 Selection of Eration and
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr. Creating a system for the gifted program N1.2.1] Needs and objectives of the school- define giftedness, sidentification procedures N1.2.2] Resource planning- list resources, infrastructure, cooper readiness of school authorities and teachers, identify need to train	Credit- 1 rol the program Credit- 1 selection of eration and tin teachers,
_	le N1] N1.1]	Designing and planning gifted programs for schools Understanding the school system N1.1.1] Need to understand the school system N1.1.2] Components of the school system that may affect/contr. Creating a system for the gifted program N1.2.1] Needs and objectives of the school- define giftedness, sidentification procedures N1.2.2] Resource planning- list resources, infrastructure, cooper readiness of school authorities and teachers, identify need to traparents	Credit- 1 rol the program Credit- 1 selection of eration and tin teachers,

Credit- 1

Module L2] Supporting parents of gifted children

L2.1] Training parents

Module N2] Program evaluation and sustainability

Credits - 2

N2.1] Program Evaluation

Credit- 1

N2.1.1] Need to evaluate programs

N2.1.2] Methods/ways to evaluate program

N2.2] Program sustainability

Credit- 1

N2.2.1] Understanding the nature of and need for a sustainable program

N2.2.2] Ways/methods to make the program sustainable

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- 16. Goleman, D. (1995). Emotional intelligence. New York; Bantam Books.
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- 21. Jnana Prabodhini Samshodhan Sanstha (2013). Explorations into psychology of human abilities: research journey of 50 years. Pune; Jnana Prabodhini Sandhsodhan Sanstha.
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