

# GANDHIGRAM RURAL INSTITUTE - DEEMED UNIVERSITY

(Re-accredited by NAAC with "A" Grade)

GANDHIGRAM-624 302, DINDIGUL DISTRICT, TAMIL NADU



INTERNAL QUALITY ASSURANCE CELL

ANNUAL QUALITY ASSURANCE REPORT

2013-14

## Part – A

### I. Details of the Institution

1.1	Name of the Institution	The Gandhigram Rural Institute – Deemed University
1.2	Address Line 1	Gandhigram
	Address Line 2	
	City/Town	Dindigul
	State	Tamil Nadu
	Pin Code	624 302
	Institution e-mail address	gridu@ruraluniv.ac.in
	Contact Nos.	0451-2452305 /(0)9442105116
	Name of the Head of the Institution:	Dr.S.Natarajan
	Tel. No. with STD Code:	0451-2452305
	Mobile:	9442105116

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID

1.4 NAAC Executive Committee No. & Date:

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	Five star level	75 and above	2002	2002-2007
2	2 <sup>nd</sup> Cycle	A	3.09	2010	2010-2015

1.7 Date of Establishment of IQAC : DD/MM/YYYY

1.8 AQAR for the year (for example 2010-11)

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2010-11 submitted on 27/11/2015
- ii. AQAR 2011- 12 submitted on 27/11/2015
- iii. AQAR 2012- 13 submitted on 27/11/2015
- iv. AQAR 2013- 14 submitted on 27/11/2015

1.10 Institutional Status

University State  Central  Med  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (PhysEdu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

Faculty of Agriculture

1.12 Name of the Affiliating University (*for the Colleges*)

Not applicable

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt. / University

Deemed to be University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

(specify)

UGC-COP Programmes

Nodal agency for Grassroots Governance by the Ministry of Panchayati Raj and Rural Development

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and

community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

2.13 Seminars and Conferences (only quality related) - Nil

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  In  Institution Level

(ii) Themes

1. Quality Sustenance
2. Benchmarks
3. Academic audit

2.14 Significant Activities and contributions made by IQAC

1. IQAC Newsletter was published
2. Orientation Programme for freshers was arranged
3. Bridge Course in English was offered
4. Personality Development Programmes were conducted
5. Graduate attributes for GRI were designed
6. Learning outcomes for all course were designed
7. Academic audit was conducted inviting external experts

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
To apply for FIST and SAP by the departments	Two departments were successful in securing funds
To apply for vocational training centre	Community college was sanctioned by UGC
No. of Seminars/Workshops organized	29 Seminars/Workshops/Symposia have been organized by the departments

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body      Yes       No   
 Management       Any other      

Provide the details of the action taken

Approved by the Planning and Monitory Board in its meeting held on 02/03/2015.

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	24	-	-	-
PG	24	2	-	-
UG	11	-	-	-
PG Diploma	2	-	-	-
Advanced Diploma	-	-	-	-
Diploma	2	-	-	-
Certificate	5	-	-	7
Others (M.Phil. and Post Diploma)	11 (10+1)	-	-	-
<b>Total</b>	79	2	-	7

Interdisciplinary	4	1	-	-
Innovative	4	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCSC  Elective  on Open option

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	52
Trimester	Nil
Annual	Nil

1.3 Feedback from stakeholders\* Alumni  Parents  Employers    
(On all aspects)

Mode of feedback : Online Manual  Co-operate  schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, Upgradation of syllabus was done for M.Tech. Renewable Energy and M.Sc. Applied Geology and Geomatics

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
161	111	27	17	6

2.2 No. of permanent faculty with Ph.D.

137

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	8	-	6	-	4	-	-	-	18

2.4 No. of Guest and Visiting faculty and Temporary faculty

-

-

49

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	54	1	28
Presented papers	77	69	21
Resource Persons	19	34	8

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- |   |
|---|
| <ol style="list-style-type: none"> <li>1. Experiential learning</li> <li>2. Brainstorming Sessions</li> <li>3. Interactive teaching</li> <li>4. Blended learning</li> </ol> |
|---|

2.7 Total No. of actual teaching days during this academic year 

180
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Nil
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2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

All	All	All
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2.10 Average percentage of attendance of students 

94%
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2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division			
		I %	II %	III %	Pass %
M.Phil. Tamil	14	100%			100%
M.Phil. Economics	1	100%			100%
M.Phil. Physics	9	100%			100%
M.Phil. Chemistry	5	100%			100%
M.Phil. Micro Level Planning	3	100%			100%
M.Phil. Research and Development	1	100%			100%
M.Phil. Development Sociology	2	100%			100%

M.A. (5 Yr. Integrated) Development Administration	12	100%			100%
M.A. Governance and Development	11	100%			100%
M.A. Sociology	4	25%	75%		100%
M.A. Rural Development	5	80%			80%
M.A. Hindi	5	100%			100%
M.A. Human Resource & Conflict Management	8	63%			63%
M.A. Tamil & Indian Literature	32	94%			94%
M.A. English and Communicative Studies	20	95%			95%
M.Sc. Mathematics	13	69%			69%
M.Sc. Physics	33	64%			64%
M.Sc. Chemistry	31	84%			84%
M.Sc. Food Science and Nutrition	18	89%			89%
M.Sc. Botany	15	27%	53%		80%
M.Sc. Zoology	19	16%	68%		84%
M.Sc. Micro Biology	25	12%	48%		60%
M.Sc. Dairy Science	25	52%			52%
M.Sc. Geoinformatics	35	80%			80%
M.Sc. Information Technology	44	75%			75%
M.C.A.	53	72%			72%
M.B.A. Rural Project Management	15	80%			80%
M.B.A. Small Business Management	12	83%	17%		100%
M.B.A. Cooperative Management	14	79%			79%
M.B.A. Rural Industries and Management	14	58%	21%		79%

M.Ed.	30	84%	3%		87%
P.G. Diploma in Sanitary Inspector	88	90%	1%		91%
P.G. Diploma in Spatial Technologies	3	33%			33%
B.A. Gandhian Social Work	15	20%	47%		67%
B.Com Cooperation	54	30%	42%		72%
B.Ed. Integrated	45	100%			100%
B.B.A. Rural Industries and Management	44	61%	7%		68%
B.Sc. Mathematics	46	85%	4%		89%
B.Sc. Physics	31	81%	6%		87%
B.Sc. Chemistry	40	78%	15%		93%
B.Sc. Home Science	21	62%	33%		95%
B.Tech. Civil Engineering	33	82%	9%		91%
Diploma in Agriculture	91	23%			23%
Diploma in Textile Technology	19	5%	84%		89%
Post Diploma in Commercial Horticulture	11	91%			91%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Student Profile Analysis is done by IQAC
- Feedback form is obtained from Students through a structured questionnaire
- Feedback form is sent to the departments for further action
- Departmental Committee analyses/monitors the Teaching & learning process.
- Several brainstorming session were conducted for improving the teaching/learning processes.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	7
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	6
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	2
Summer / Winter schools, Workshops, etc.	84
Others	110

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	108	38	--	36
Technical Staff	69	29	--	14

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Sensitisation of staff on Research funding
- Scopus indexed publications are compiled
- List of journals with impact factor sent to departments
- Access for e-journals ensured

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	56	28	58
Outlay in Rs. Lakhs	113.61 lakhs	754. 27 lakhs	319.52 lakhs	1225.76 lakhs

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	7	3	4
Outlay in Rs. Lakhs	-	7.31 lakhs	2.96 lakhs	4.63 lakhs

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	163	71	11
Non-Peer Review Journals	53	96	59
e-Journals	-	1	-
Conference proceedings	3	1	-

### 3.5 Details on Impact factor of publications:

Range

Average

h-index

Nos. in SCOPUS

### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Sl. No.	Nature of the Project	Name of the Project Holder & Department	Duration Year	Name of the funding Agency	Total grant sanctioned	Funds Received during the year under report
	<b>Major projects</b>					
1.	UGC SAP(DRS)	Dr.G.Palanithurai	01.04.2009 to 31.03.2014	UGC, New Delhi	27,00,000.00	---
2.	Inclusion of the Excluded: Empowering the powerless through Panchayati Raj in Manipur	Dr.SonkhoginHaokip	01.07.2013 to 31.12.2014	ICSSR, New Delhi	600,000.00	2,40,000.00
3.	A Study on Strategies of Innovative Teaching Methods in Management Studies	Dr.M.Soundarapandian	26.05.2011 to 25.05.2013	AICTE, New Delhi	2,00,000.00	---
4.	Scheduled Caste and Scheduled Tribe Women Entrepreneururs: The role of Micro Finance Institutions in Tamil Nadu	Dr.L.Radhakrishnan	01.07.2012 to 30.06.2014	UGC, New Delhi	3,61,600.00	---

5.	MGNREGS on Sustainable Livelihood and Ecological Security	Dr.L.Radhakrishnan	01.04.2012 to 31.03.2014	ICSSR, New Delhi	7,28,850.00	---
6.	Plight of Elders living in families and old age homes: A Comparative Study in TamilNadu	Dr.Rajendran	01.07.2012 to 30.06.2014	UGC, New Delhi	6,43,600.00	---
7.	Export Potential in Rural Economy with Special Reference to Agriculture: A Case Study of Dindigul District in Tamil Nadu	Dr.S.Nehru	01.07.2013 to 30.06.2015	ICSSR, New Delhi	7,00,000.00	2,80,000.00
8.	Special Assitance Programme(DRS-I)	Head, Dept. of Maths.	01.04.2009 to 31.03.2014	UGC, New Delhi	36,00,000.00	---
9.	NBHM Library Grant	Head, Dept. of Maths.	Yearly Basis	Dept. of Atomic Energy,Mumbai	3,80,000.00	---
10.	DST-FIST	Dr.P.Balasubramanian	2007-2012	DST, New Delhi	15,00,000.00	---
11.	Fractal anaylsis of brain tumour detection and growth estimation	Dr.R.Uthayakumar	01.04.2013 to 30.06.2016	UGC, New Delhi	5,74,300.00	5,74,300.00
12.	BSR-Research Start-up Grant	Dr.G.Nagamani	29.01.2013 to 28.01.2015	UGC, New Delhi	6,00,000.00	---
13.	Studies on Stability and Bifurcation Analysis of Dynamical Systems	Dr.P.Balasubramaniam	01.04.2012 to 31.03.2015	DAE, Mumbai	10,11,500.00	3,79,785.00
14.	Mathematical modelling for optimizing the inventory costs in a stochastic recycling environment with trade credit and service level constraint	Dr.R.Uthayakumar	30.01. 2014 to 29.01. 2015	Dept.of Atomic Energy,Mumbai	9,84,000.00	9,84,000.00
15.	A theoretical study on existence and controllability properties of abstract mathematical model of stochastic partial differential equation	Dr.P.Muthukumar	30.01. 2014 to 29.01. 2015	Dept. of Atomic Energy,Mumbai	9,37,500.00	9,37,500.00
16.	Existence, Controllability and Stability Analyses of Fractional Semilinear Differential Inclusions	Dr.P.Balasubramaniam	01.10.2013 to 30.09.2016	CSIR, New Delhi	3,30,000.00	---
17.	Rationalisation of drug-receptor interaction mechanism through physico-chemical study of its charge-transfer complexes	Dr.K.P.Elango	01.07.2011 to 30.03.2014	UGC, New Delhi	4,67,800.00	---
18.	UGC SAP - DRS	Dr.N.S.Nagarajan	2009-2015	UGC, New Delhi	36,25,000.00	---
19.	Invitro calcium bioavailability studies for preventing fluoride toxicity	Dr.P.Anitha Pius	01.2.2011 to 31.01.2014	UGC, New Delhi	8,53,800.00	---
20.	Functionalized gold, silver and semiconductor	Dr.S.Abraham John	01.04.2013 to	UGC, New Delhi	4,21,800.00	4,21,800.00

	nanoparticles as fluorescent sensors for the determination of toxic chemicals		31.03.2016			
21.	Design, Synthesis and aggregation studies of cyanoacrylic acid-Thiophene linked porphyrin sensitizers for dye sensitized solar cells	Dr.P.Kalimuthu	17.07.2012 to 16.07.2015	SERB, New Delhi	25,88,000.00	2,50,000.00
22.	Molecular design and synthesis of push-pull type perlene dyes for dye sensitized solar cells	Dr.P.Kalimuthu	01.07.2012 to 30.06.2015	UGC, New Delhi	7,82,800.00	---
23.	BSR-Research Start-up Grant	Dr.M.Seenivasaperumal	29.01.2013 to 28.01.2015	UGC, New Delhi	6,00,000.00	---
24.	Synthesis and stereo chemical studies of 6-hydroxy -4,8,9,10 - tetraphenyl - 1,3 diazaadamantanes and 6-amino - 4,8,9,10-tetraphenyl-1,3 diazaadamantanes	Dr.M.Sundaravadivelu	01.04.2013 to 31.03.2016	UGC, New Delhi	9,35,800.00	5,09,300.00
25.	Rational design of metal complex based selective fluoride ion sensors processing novel signaling unit with augmented H-Bonding abilities to work in organic and aqueous media	Dr.K.P.Elango	01.04.2013 to 31.03.2014	CSIR, New Delhi	12,64,000.00	---
26.	Development of Sol-Gel Derived Organosilicate Hybrid Coatings Preloaded with Organic Corrosion Inhibitor for Metallic Substrates"	Dr.M.G.Sethuraman	01.04.2012 to 31.03.2015	DAE, Mumbai	23,68,500.00	2,55,691.00
27.	Preparation characterization and optimization of super acid fillers based PVDF-HFP/PVC blend polymer nanocomposite electrolytes by phase inversion technique for lithium ion batteries	Dr.P.Vickraman	01.02.2011 to 31.01.2014	UGC, New Delhi	10,56,800.00	---
28.	Preparation, characterization and optimization of PVDF-HFP based nano composite electrolyte for lithium-ion batteries by phase inversion technique	Dr.P. Vickraman	24.11. 2011 to 23.11. 2014	DST, New Delhi	25,10,000.00	---
29.	Development and characterization of rare earth doped glasses for white light applications	Dr.K.Marimuthu	01.07.2012 to 30.06.2015	UGC, New Delhi	11,29,300.00	---
30.	Structural, Optical and Energy transfer studies of	Dr.K.Marimuthu	01.04.2012 to	DAE, Mumbai	22,10,250.00	---

	RE3+ ions in oxyfluoride Glasses for the Development of Luminescent devices		31.03.2015			
31.	Study on the coulomb interaction of double acceptors in magnetic semiconductor nanostructured systems	Dr.K.Jayakumar	01.04.2013 to 31.03.2016	UGC, New Delhi	10,96,800.00	7,87,800.00
32.	Synthesis and characterization of nanopiezoelectric material for vibration sensor applications	Dr.K.Jayakumar	Dec-2013 to Dec-2016	ISRO, Bangalore	10,02,000.00	10,02,000.00
33.	Some Investigations on the excitation states in semiconductor nanostructured systems	Dr.P.Nithiananthi	16.12.2013 to 15.12.2016	DST-SERB, New Delhi	6,40,000.00	6,40,000.00
34.	Prevalence of Respiratory Disorders among workers in Textile Industries and Developing protective Measures	Dr.R.I.Sathya	07.07.2012 to 30.06.2015	UGC, New Delhi	7,12,500.00	---
35.	Prevalence of obesity and metabolic syndrome in the rural adult population: A diagnostic study for intervention and prevention	Dr.S.S.Vijayanchali	01.07.2012 to 30.06.2015	UGC, New Delhi	7,21,800.00	---
36.	Biodegradation of dye effluent using strains of bacteria and fungi isolated from spent mushroom substrate(SMS)and effluent discharged sites	Dr.R.Kumuthakalavalli	01.02.2011 to 31.01.2014	UGC, New Delhi	6,89,800.00	---
37.	Eco-friendly utilization of electroplating industrial effluent residue for growing certain crop plants	Dr.M.R.Rajan	01.07.2011 to 30.06.2014	UGC, New Delhi	6,67,800.00	---
38.	Reproductive ecology and conservation of Gareiniaimbertyboud and garciniatravancoriaBedd: an endemic and endangered tree species from	Dr.R.Ramasubbu	01.04.2013 to 31.03.2016	UGC, New Delhi	8,65,800.00	5,14,300.00
39.	Studies on population dynamics, in vitro propagation and conservation of three endemic and endangered trees of Western Ghats	Dr.R.Ramasubbu	09.12.2013 to 08.12.2016	DST-SERB, New Delhi	12,00,000.00	12,00,000.00
40.	Trust based authentication mechanism for mobile ad hoc network	Dr.Sivagurunathan	01.04.2013 to 31.03.2016	UGC, New Delhi	5,77,000.00	4,17,000.00
41.	Granular computing approach for MRI brain	Dr.N.Senthilkumaran	01.04.2013 to	UGC, New Delhi	6,20,500.00	4,85,500.00

	image segmentation		31.03.2016			
42.	Malady-Remedy analysis of stabilized MUD Blocks based structures with a focus on development of Affordable Hazard-Resistant housing Strategies	Dr.K.Mahendran	01.04.2013 to 31.03.2016	UGC, New Delhi	11,21,800.00	6,65,300.00
43.	Hill-GIS (High Resolution Digital Satellite Data based Resource Information System, Geohazards and mitigation studies based on GIS technologies at Kolli Hills, Tamilnadu India)	Dr.B.Gurugnanam	01.04.2013 to 31.03.2016	CSIR, New Delhi	10,64,000.00	10,64,000.00
44.	Nila-GIS(Landslide inventory and generation of morphological database using geospatial technologies for Nilgiri area)	Dr.B.Gurugnanam	06.05.2013 to 05.05.2016	DST, New Delhi	1,724,400.00	5,56,400.00
45.	Computational fluid dynamics studies on cost effective & Energy efficient building design	Dr.V.Kirubakaran	01.04.2013 to 31.03.2016	UGC, New Delhi	5,54,100.00	5,33,600.00
46.	Development of functional dairy products and their impacts of Human Health	Dr.M.Seethalakshmi	01.07.2012 to 30.06.2015	UGC, New Delhi	8,10,000.00	---
47.	An Assessment of Village Development in TamilNadu- A Statistical Approach	Dr.C.Sivapragasam	01.07.2012 to 30.06.2014	UGC., NEW DELHI	47,72,000.00	---
48.	Rainfall induced landslide forewarning system for Linga Slide, Nilgiris, South India	Dr.M.Muthukumar	29.11.2011 to 30.09.2014	DST, New Delhi	24,64,000.00	1,64,000.00
49.	A Study on the Role of PACS in Ensuring Access to International Credit to Rural Women through SHGs in Tamilnadu	Dr.K.Ravichandran	01.02.2014 to 31.01.2016	ICSSR, New Delhi	3,60,000.00	3,60,000.00
50.	Livelihoods of Coastal Fisherfolk: An Excluded Group in Tamilnadu	Dr.C.Ramanujam	01.04.2013 to 31.03.2015	UGC, New Delhi	7,32,600.00	4,24,600.00
51.	An analytical study of health status among the arunthatiyars in TN: A Vulnerable case of social exclusion	Dr.Anjuli Chandra	01.04.2013 to 31.03.2016	UGC, New Delhi	6,75,600.00	4,22,600.00
52.	Social Exclusion of Transgenders: A diagnostic study in Dindigul District in TN	Dr.A.Mani	01.07.2012 to 30.06.2014	UGC, New Delhi	6,39,600.00	---
	<b>Minor Projects</b>					
1.	Hindi Aur Marathi Ki Dalit Aatmakathavon Mein Asmita Ki Talash	Dr.Khandare ChanduLaxman	01.04.2013 to 30.09.2014	UGC, New Delhi	1,40,000.00	1,35,000.00

2.	Translation of Pudumaipithan's Short Stories form Tamil to Hindi	Dr.K.Subramani	01.04.2013 to 30.09.2014	UGC, New Delhi	76,000.00	48,000.00
3.	Role of Emotional Intelligence in Eradicating Industrial Sickness among Small Scale Industries in Dindigul District	Dr.H.SamuelThavaraj	01.04.2013 to 30.09.2014	UGC, New Delhi	1,05,000.00	75,000.00
4.	Manufacturing of Textile reinforced thermoplastic Composites for High performance application	Dr.B.Senthil Kumar	01.04.2013 to 30.09.2014	UGC, New Delhi	1,15,000.00	85,000.00
5.	Development and validation of a scale to assess the extent of inclusion of physically challenged children in upper primary school	Dr.KavithaMaithily	01.07.2012 To 30.06. 2014	UGC, New Delhi	1,10,000.00	---
6.	Impact of Rural Housing Programmes implemented (CMSPGHS, IAY) in addressing Rural Poverty and Women Empowerment	Dr.K.Mahendran	six moths	State Planning Commission Chennai	1,34,389.00	1,34,389.00
7.	Assessment of Knowledge and Awareness of Legal Rights among Rural Women in Dindigul District	Dr.K.Velumani	01.07.2012 to 31.12.2013	UGC., NEW DELHI	51,000.00	---
	<b>Industry sponsored</b>	-	-	-	-	-
	<b>Projects sponsored by the University/ College</b>	-	-	-	-	-
	<b>Students research projects (other than compulsory by the University)</b>	-	-	-	-	-
	<b>Any other(Specify)</b>	-	-	-	-	-
				Total	<b>12,06,08,689.00</b>	<b>1,45,46,865.00</b>

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
 DPE  DBT Scheme/funds

3.9 For colleges  
 Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	25	9	10	-
Sponsoring agencies	Forum of Tamil Research	UGC, DST, CSIR, ICSSR e	UGC, ICSSR, Third World Studies South Asian Chapter, Science Academies, GRI LIFE Tokyo	GRI	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations  International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  Management of University/College   
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
18	4	4	3	4	1	2

3.18 No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level International level

3.22 No. of students participated in NCC events: **Not Applicable**

University level  State level   
National level International level

3.23 No. of Awards won in NSS:

University level  State level   
National level International level

3.24 No. of Awards won in NCC: **Not Applicable**

	University level	<input type="text" value="Nil"/>	State level	<input type="text" value="Nil"/>
National level	International level	<input type="text" value="Nil"/>		<input type="text" value="Nil"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>		
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="65"/>	Any other	<input type="text" value="84"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Village Placement Programme in 27 Villages during October and December 2013
- Skill upgradation programme on Digital Photography, Videography and mobile phone services – 50 beneficiaries
- Capacity Building Workshop for Village youth on March 2013.
- Study of the Community Biodiversity Management and Resilience Activities in Kolli Hills
- Children's Melawas organized
- Thirteen Balwadi Centres were maintained by the Institute
- Seven gender sensitisation programmes were organized.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund
Campus area	207 acre	-	UGC
Class rooms	88	1	
Laboratories	33	-	
Seminar Halls	26	-	
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	105	39	
Value of the equipment purchased during the year (Rs. in Lakhs)		176.73	
Others		284.79	

#### 4.2 Computerization of administration and library

- o Admission, Establishment, Examination and Finance Sections have been computerised.
- o Library services have been computerised
- o Management Information System is being developed.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	50,206	92,73,145	1,009	6,55,256	51,215	99,28,401
Reference Books	14,572	34,56,985	807	5,24,205	15,379	39,81,190
e-Books	-	-	-	-	-	-
Journals	1,827	13,47,245	250	3,06,700	2,077	16,53,945
e-Journals	22,912	1,60,00,000	5,728	40,00,000	28,640	2,00,00,000
Digital Database	23	42,000	-	-	23	42,000
DELNET *	-	57,000	-	11,500	-	68,500
Indiastat.com *	-	2,64,864	-	47,191	-	3,12,055
CD & Video	1,700	5,00,000	-	-	1,700	5,00,000
Others specify (General)	88,751	1,69,39,717	2,220	14,41,563	90,971	1,83,81,280
Book Total	1,53,529	2,96,69,847	4,036	26,21,023	1,57,565	3,22,90,870
Grand Total		<b>4,78,80,956</b>		<b>69,86,415</b>		<b>5,48,67,371</b>

\* Annual Membership Fee

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	736	419	(RailTel and BSNL)	70	43	86	118	1) 2 Wi-Fi High range access points added 2) 26 Wi-Fi Low range access points added
Added	24	5	-	-	12	2	5	1) 2 Wi-Fi Low range access points added
Total	760	424	(RailTel and BSNL)	70	55	88	123	1) 2 Wi-Fi High range access points added 2) 28 Wi-Fi Low range access points added

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Wi-Fi connectivity extended
- Networking in Textile lab established
- Intra mail connectivity strengthened

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	3.14
ii) Campus Infrastructure and facilities	53.68
iii) Equipments	1.50
iv) Others	17.08
<b>Total :</b>	<b>75.40</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- During the Orientation, a lecture was given by the Director, IQAC on Student support services
- Lectures by the Staff concerned were also arranged
- Feedback on support services were collected and forwarded to the authorities.

#### 5.2 Efforts made by the institution for tracking the progression

1. Through Alumini Association
2. Through Village Placement Programme
3. Through Social media
4. Through Student Association
5. Through Personal contact
6. Through Correspondence
7. Through Student clubs

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1142	982	640	558

#### (b) No. of students outside the state

87

#### (c) No. of international students

12

Men	No	%	Women	No	%
	1160	43.25%		1522	56.75%

Last Year (2012-13)						This Year (2013-14)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
177	730	48	1690	14	2659	52	744	46	1840	19	2682

Demand ratio 1 : 6.1

Dropout % 9%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Library has a collection of books for competitive examinations

Departments organize coaching classes for competitive examinations

The institute has CentServ, a unit funded by UGC for organizing coaching classes.

No. of students beneficiaries 134

5.5 No. of students qualified in these examinations

NET	16	SLET	7	CAT	4	-	
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	4

5.6 Details of student counselling and career guidance

Periodical *Gurukula* meetings are conducted to review the attendance percentage, performance in CFAs, problems in comprehending the courses, arranging for remedial courses, if necessary and career guidance for outgoing students. Career Guidance club periodically arranges programmes on Career Guidance and Personality Development. Dean, Student welfare coordinates the activities.

No. of students benefitted All

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
18	183	120	Exact details not available

### 5.8 Details of gender sensitization programmes

Date	Place	Number of Participants	Impacts
04/12/2013	Sekkapatti	42 students (MBA-RIM and DKHT)	Imparting knowledge on gender roles and gender issues in the society
05/12/2013	Ullupakudi	141 students (B.Sc. and M.Sc. Mathematics)	
05/12/2013	Kanavaipatti	26 students (MBA-SBM) and 10 villagers	
05/12/2013	Kambiliyampatti	139 students (MCA and M.Sc. IT)	
05/12/2013	Kamalapuram	100 students (BBA-RIM)	
10/12/2013	Palayankottai	53 students (BA-GSW and MA-HRCM)	
10/12/2013	Vellode	112 students (B.Sc. Home Science, M.Sc. Food Science and Nutrition, B.Sc. Textiles and Fashion Designing)	

### 5.9 Students Activities

#### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

#### No. of students participated in cultural events

State/ University level  National level  International level

#### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

### 5.10 Scholarships and Financial Support

	Scholarship		Fellowship	
	Number of students	Amount	Number of students	Amount
Financial support from institution	2	8,000.00	6	6,33,532.00
Financial support from government	2335	1,28,32,609.00	37	63,32,776.00
Financial support from other sources	-	-	-	-
Number of students who received International/ National recognitions	-	-	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- Scholarships to the students
- Course equivalence in TNPSC examinations

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

<p><b>Vision</b></p> <p>Promotion of a casteless and classless society through instruction, research and extension</p> <hr/> <p><b>Mission</b></p> <p>Providing knowledge support to the rural sector to usher in a self-reliant, self-sufficient and self-governed society</p>
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6.2 Does the Institution has a management Information System

- |   |
|---|
| <ul style="list-style-type: none"> <li>Several modules of MIS have been developed.</li> </ul> |
|---|

### 6.3 Quality improvement strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

- BoS deliberates and chalks out strategies for curriculum development
- The feedback on courses collected from students help in the revision of syllabus, Meeting with employers, peers and examiners provide feedback

#### 6.3.2 Teaching and Learning

- Feedback on courses and teachers is collected by IQAC
- Departmental Committee Meetings serve as a platform to get the feedback
- Result analysis is being done periodically
- Discussion in HoD's meeting facilitates quality sustenance

#### 6.3.3 Examination and Evaluation

- Continuous Formative Assessment
- Semester Examination System
- Single valuation for UG, Diploma and Post Diploma Programmes
- Double Valuation for PG, PG Diploma and M.Phil Programmes
- Provision for appeal

#### 6.3.4 Research and Development

- Number of Ph.Ds Completed is 62
- No. of Projects Sanctioned is 31
- Total financial outlay of the project is Rs.322.48 lakhs
- Support facilities enhanced through plan funds

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

Along with the regular services of the library the following new services are added for the benefit of the staff, scholars and students:

- Added new books are displayed in the reference section for the students use and added to Online Public Access Catalogue (OPCA) in the Library General collection
- The Library Bulletin regularly highlight the activities, collection and services of the library
- The Faculty Publications database was added to the Digital library which can be accessed through the library website at <http://192.168.10.7> in the library premises
- The previous years (2011,2012 and 2013) are added in digital library server at <http://192.168.10.7>.
- Refreshing, updating and reorganizing of the book collections in the stack rooms was completed in 2013-14.
- Online Journals subscribed for 2013-14:Delnet& India Stat.com
- Nine Web Portals from UGC Infonet Consortium are now available for access

S.No.	Description	Nos.	Amount in Rs.
1.	Books added during the year 2013-14	16598	50,28,025.00
2.	Journals Subscribed	259	3,06,700.00
3.	Ph.D. Theses uploaded in Shodhganga Project	59	-
4.	Ph.D. Theses in the Library collection	601	-

### 6.3.6 Human Resource Management

During the year under report GRI has conducted 1 International, 25 National and 9 State level programmes benefiting hundreds of Academicians, Research Scholars, Students and other professionals. 58 new projects have been conceived and submitted to the funding agencies. Every effort is taken to tap the Human Resource Potential of the staff and students and channelize them for constructive purposes. Training for e-Content development was given to 18 staff members.

### 6.3.7 Faculty and Staff recruitment

NIL

6.3.8 Industry Interaction / Collaboration

7 Linkages and collaborations have been created during this year

6.3.9 Admission of Students

- Special drive for North east students
- Common counselling for UG admission
- Entrance Examination for Ph.D. admission

6.4 Welfare schemes for

Teaching	All the welfare schemes of GoI for Central Government Employees implemented in-toto
Non teaching	- do -
Students	Group Insurance Policy

6.5 Total corpus fund generated

Rs.32,63,701/-

6.6 Whether annual financial audit has been done Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes		No	
Administrative	Yes		No	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes  No

For PG Programmes Yes  No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Existing rules of the Institute are revisited. The needed reforms are discussed in Heads of the Department meetings.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- Not applicable

6.11 Activities and support from the Alumni Association

- The alumni of the Institution help the present students by offering advice for placements and projects.
- Alumni help the departments in the conduct of Symposia/student festivals
- Guest lectures are delivered on Current Trends in the industries by the Alumni
- In select departments alumni are involved as special invitees in BoS meetings.

6.12 Activities and support from the Parent – Teacher Association

- Parents interact with teachers of the Department, initially during admission of their wards during the completion of the programme and after graduation of their wards
- They share the
  - ❖ educational antecedents and ambitions of their wards initially
  - ❖ difficulties faced by their ward and / or suggestions of parents during the study period
  - ❖ employment requirements and preferences of their ward after completion of course
- A small segment of students hail from nearby rural areas where our Faculty frequent for extension programmes. Parents of these wards provide the extension team with full cooperation and support in organizing village camps, conducting surveys and other activities

6.13 Development programmes for support staff

- Orientation Programmes
- Computer Awareness Programmes

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Composting
- Rainwater Harvesting
- Energy Conservation
- Provision of Green cover
- Eco Club
- E-Waste Management

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Training given to the staff on e-content development
- Programme entitled SAKSHAM empowerment was organized

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Academic audit
- Introduction of M.Tech. Renewable Energy and M.Sc. Applied Geology and Geomatics
- 29 Conference have been conducted on various themes.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Departmental Committee

**i) Objectives**

- a) To bring a qualitative change in the academic atmosphere by bringing the teacher and the taught closer to each other
- b) To review the academic performance of the students to effect a midcourse intervention in case of students with learning difficulties.
- c) To plan for the academic and extension activities

**ii) The context**

Due the paradigm shift in the educational scenario, it is imperative that the problems of the students are understood and addressed effectively. A platform in which students and teachers sitting together, reviewing the progress of the academic activities is the need of the hour.

**iii) Practice**

Against the above background, the concept of department committee is evolved wherein the teachers offering the various courses, and two students representatives from each class form a committee, of which a senior teacher from some other department will be the chairman. The committee is expected to meet twice in a semester with the first one being a diagnostic meeting and the second one will being a therapeutic one. The committee will discuss the coverage of syllabus, performance of the students and difficulties faced by the students, besides analysing the need and wishes of the students.

**iv) Evidence of success**

The concept of departmental committee has brought to light the difficulties faced by the students and the facilities required by them. The teachers and students are able to understand each other, which results in the creation of classroom climate.

**v) Problems encountered and resources required**

The department meeting genuinely list out the various infrastructure and support facility needed for staff and students. But since GRI being fully funded institute, due to various reasons adequate financial resources could not be generated. Immediate needs of the students also could not be addressed if they involve huge financial commitment.

To conclude the department committee meeting serve as a right forum to create excellent academic ambience in the institute.

**2. Friday Inter-Religious Prayer****Objectives:**

1. To bring religious tolerance in the minds of students and staff
2. To bring about communal unity among the members of Gandhigram Community
3. To make students learn to respect sentiments of others
4. To congregate every week to discuss the activities and achievements of staff and students

**Context:**

In the recent years it has become a common thing to note that the religious and communal divides do not spare even educational institutions. Efforts are being taken all over the country to foster unity among the people of various religions and communities. In this context, efforts are being augmented to inculcate the strength of communal unity and harmony in the younger minds.

**Practice:**

Gandhigram Rural Institute, being an institution based on Gandhian ideals, practices the Mahatma Gandhi's concept of inter-religious prayer. Students and Staff of the institute assemble at the auditorium every Friday after the classes are over. Songs and Quotes from various religions form the major portion of the prayer. A brief account of the activities of various departments in the preceding week is presented. The prayer is conducted every week by rotation among the departments. Often experts and visitors to Gandhigram Rural Institute address the staff and students. Usually the prayer ends with Ram Dhun. The Friday evening prayer meeting not only

serves the purpose of community prayer but also serves as a platform to get to know the happenings in the campus.

**Evidence of Success:**

Gandhigram Rural Institute providing a value based education, has been practicing this Friday community prayer from the inception. Visitors and experts coming to Gandhigram Rural Institute are lured by the sight of entire Gandhigram community assembling in one place.

**Problems Encountered and Resources Required:**

Since the institute has grown over the years, it has become difficult to collect all the happenings and bring it to the notice of staff and students.

To conclude, the Friday inter-religious prayer serves as a right forum to create the right ambience for imparting the value based education.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Importance of Rainwater Harvesting was explained to the villagers
- Save water-save life campaign was launched during VPP.
- Save fuel campaign was carried out
- Eco-friendly practices were explained to the students

7.5 Whether environmental audit was conducted? Yes  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- The institute has revised the recruitment rules for non-teaching staff
- CBCS is being revamped
- Facility for e-journals enhanced.
- SWOC analysis

**8.Plans of institution for next year**

Vision documents to be made ready

- Documentation of land records and protection of land by construction of compound walls
- Preparation of water budget and energy budget
- Creation and modernization of class rooms, office rooms, labs, hostels, roads, library (both Central and Departmental libraries)
- Beautification of campus with plants and trees followed by creation of herbal garden and seeds park
- Establishment of integrated farming
- Formation of Green-Production force involving staff and students
- Augmentation of different infrastructural facilities for students and staff in the areas such as toilet complexes (separately for girls and boys)

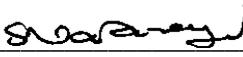
- Provision of protected drinking water, networking of water supply and distribution system, including rain water harvesting system
- Construction of sickrooms for inmates, guest rooms for parents/guardians.
- Preparation of 3<sup>rd</sup> Cycle of accreditation.

Name: Dr.M.G.Sethuraman

Name: Dr.S.Natarajan

  
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*Signature of the Director, IQAC*

  
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*Signature of the Chairperson, IQAC*

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