The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

GVM's Dr. Dada Vaidya College of Education

1.2 Address Line 1

Farmagudi

City/Town

Ponda

State

Goa

Pin Code

403401

Institution e-mail address

gvm.educol@gmail.com

Contact Nos.

0832- 2335880

Name of the Head of the Institution:

Dr. Allan Abreo

Tel. No. with STD Code:

Mobile:

9422058395

Name of the IQAC Co-ordinator:

Ganesh Chandra Naik

Mobile:

9158639188

IQAC e-mail address:

gvm.educol@gmail.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

12189

1.4 **NAAC Executive Committee No. & Date:**
   (For Example EC/32/A&A/143 dated 3-5-2004.
   This EC no. is available in the right corner- bottom
   of your institution's Accreditation Certificate)

EC/PCA/56/130/ dated 16/09/2011

1.5 Website address:

http://www.gvmcollege.com

Web-link of the AQAR:

http://www.gvmcollege.com/NAAC/AQAR2013-14. doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.77	2011-12	5
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

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

7/6/12

1.8 **AQAR for the year**

2013-14

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and
Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*
   i. AQAR _2011-12 submitted to NAAC on
   ii. AQAR 2012-13_submitted to NAAC on 30/9/2013
   iii. AQAR_____ _____ (DD/MM/YYYY)
   iv. AQAR_____ _____ (DD/MM/YYYY)

1.10 Institutional Status

   University   State

   Affiliated College   Yes

   Constituent College   No

   Autonomous college of UGC   No

   Regulatory Agency approved Institution   Yes   [√]   by NCTE

   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 (Phys Edu) [ ]

   TEI (Edu) [√] Engineering [ ]   Health Science [ ]   Management [ ]

   Others   (Specify)

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

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

   Autonomy by State/Central Govt. / University   [ ]

   University with Potential for Excellence   [ ]   UGC-CPE   [ ]

   DST Star Scheme   [ ]   UGC-CE   [ ]

UGC-Special Assistance Programme [ ]   DST-FIST

UGC-Innovative PG programmes [ ]   Any other (*Specify*) [ ]

UGC-COP Programmes [ ]

2. IQAC Composition and Activities

2.1 No. of Teachers `6`

2.2 No. of Administrative/Technical staff `1`

2.3 No. of students `2`

2.4 No. of Management representatives `-`

2.5 No. of Alumni `1`

2. 6 No. of any other stakeholder and

    community representatives [ ]

2.7 No. of Employers/ Industrialists [ ]

2.8 No. of other External Experts `2`

2.9 Total No. of members `12`

2.10 No. of IQAC meetings held `4`

2.11 No. of meetings with various stakeholders: No. [ ]   Faculty `4`

    Non-Teaching Staff Students [ ]   Alumni [ ]   Students `4`

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

    If yes, mention the amount [ ]

2.13 Seminars and Conferences (only quality related)

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

   Total Nos. | - | International | - | National | - | State | - | Institution Level | - |

   (ii) Themes [   ]

2.14 Significant Activities and contributions made by IQAC

   | 1. Review meeting on Practice teaching, Internship and Micro teaching, encouraging to attend seminars and conferences, writing papers. |

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
Encouraging staff to write papers, to attend seminars, doing weekly assembly in class,	Staff are attending seminars and presented papers, Staff seminar organized to develop research culture. Assembly started.

2.15 Whether the AQAR was placed in statutory body   No

   Management [   ]   Syndicate [   ]   Any other body [   ]

      Provide the details of the action taken

Part – B

Criterion – I

1. 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				
PG				
UG	1			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				1
Others				
Total	1			1
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: Core/Elective option
     (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	
Trimester	
Annual	1

1.3 Feedback from stakeholders*   Alumni ☐   Parents ☐   Employers ☐   Students √
   (On all aspects)

   Mode of feedback   :   Online ☐   Manual √   Co-operating 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.

New B. Ed syllabus was prepared in the year consistent with NCTE model syllabus

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
10	6	4	-	-

2.2 No. of permanent faculty with Ph.D.

3

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
	1								

2.4 No. of Guest and Visiting faculty and Temporary faculty   -   -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	3	3
Presented papers	1		
Resource Persons			20

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

1. Students presentation in seminar, co-operative project work
2. field work/visit, 3. Use of Computer 4. Use of Projector

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

180

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

Open book, use of assessment Rubrics

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

2   10   -

2.10 Average percentage of attendance of students

90

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. Ed	102	51	46	04	-	99

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

  Through teacher evaluation by students in each term

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	6
Others	

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	14	0	0	0
Technical Staff	1	0	0	0

Criterion – III

3. Research, Consultancy and Extension

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

> Encouraging the staff to attend research workshops. Encouraging to apply research projects of UGC, encouraging to write research or theoretical articles, staff seminar

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs				

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs				

3.4   Details on research publications

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals	1	2	
e-Journals			
Conference proceedings			

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

[No]

3.7 No. of books published   i) With ISBN No. [ ] Chapters in Edited Books [1]

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	0	0	0	0	0
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons [10]

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 [-]   From Management of University/College [-]

Total [Nil]

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
-						

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

| 1 |

     and students registered under them

| 0 |

3.19 No. of Ph.D. awarded by faculty from the Institution | 0 |

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

   JRF | 0 | SRF | 0 | Project Fellows | 0 | 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:

   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:

   University level | | State level | |
   National level | | International level | |

3.25 No. of Extension activities organized

University forum [ ] College forum [40]

NCC [ ] NSS [ ] Any other [ ]

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

- College organizes community works undertaking several minor projects as part of the curriculum.

- In-service training to school teachers by our faculties on regular basis.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	2630sq meter	-		2630 sq meter
Class rooms	9	-		9
Laboratories	4	1		5
Seminar Halls	1	-		1
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	17.30	Rs1.04		
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

All our books are indexed in the computer with relevant software. In the office all are works are done using computer; Data storage, retrieval and manipulation.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	7000		1293		8293	
Reference Books	5513		700		6213	
e-Books	-		-		-	
Journals	36		-		36	
e-Journals	-		Open source		-	
Digital Database	-		ERIC			
CD & Video	160		-		160	
Others (specify)						

Students have allotted INFLIBNET ID for searching references.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	60	1		1				
Added	2	-		-				
Total	62	1		1				

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

> We have wi-fi in the campus. Students undertake ICT based projects for which they are given training in the computer room.

4.6 Amount spent on maintenance in lakhs :

i) ICT   0.2196

ii) Campus Infrastructure and facilities   0.5121

iii) Equipments   -

iv) Others   -

                                   Total :   0.7317

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> Orientation programme, Use of Notice board, personally informing students about all the schemes. CCA in-charge motivates students to take part in different state level competitions.

5.2 Efforts made by the institution for tracking the progression

> Students performing poorly in practice teaching and examinations are specially helped by the college and faculties. Student's feedback on different programmes are taken regularly to solve the problems if any.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
102			

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

Men

No	%
12	11.76

Women

No	%
90	88.24

Last Year						This Year					
General+ Goan Native	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
64+1	02	11	24	-	102	52	02	12	33	01	100

Demand ratio   Dropout % NIL

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

> We coached some willing students for CTE. But it is yet to be formalized.

No. of students beneficiaries

30

5.5 No. of students qualified in these examinations

NET [　] SET/SLET [　] GATE [　] CAT [　]

IAS/IPS etc [　] State PSC [　] UPSC [　] Others [5]

5.6 Details of student counselling and career guidance

We are yet to do it in a formal way. Informally it is done by all our staff as we are a small institution.

No. of students benefitted [all]

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	30	7	No data

5.8 Details of gender sensitization programmes

-

5.9 Students Activities

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

State/ University level [30]   National level [-]   International level [-]

No. of students participated in cultural events

State/ University level [80]   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

	Number of students	Amount
Financial support from institution		
Financial support from government	All SC/ ST /OBC students	
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 [4]

5.13 Major grievances of students (if any) redressed: _____No

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision statement: The Goa Vidyaprasark Mandal's Dr. Dada Vaidya College of Education is committed to the professional development of teachers, both pre-service and in-service, for reflective, constructive and value-based teaching-learning employing both insight and technology within the ambit of the native socio-cultural perspective.

Mission Statement: The mission of the College is to achieve excellence in the professional development of teachers through.

- Developing committed, technology savvy, value-based and research oriented teaching professionals.
- Initiating them to lifelong learning and to innovative, interactive, activity-oriented and child-centred classroom teaching.
- Training them to create an environment in educational and social milieus that would promote communication, cultural diversity and national integration Orienting them to the service of the community for its educational and socio-cultural resurgence.

6.2 Does the Institution has a management Information System

> Not done yet. We are exploring.

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

6.3.1 Curriculum Development

> The staffs was engaged in designing new curriculum based on NCTE suggestion. In the staff meetings, matter relating to curriculum transactions are decided. Review meeting are held with students to assess different programmes.

6.3.2 Teaching and Learning

> All classrooms are fitted with LCD projectors and internet for better teaching. Students are assessed through class test and low achieving students helped.

6.3.3 Examination and Evaluation

> Several class tests are conducted in each paper. Results declared on time. Moderation of marks is done before the final internal mark is sent to the university.

6.3.4 Research and Development

> There is no research done in the college at present. However, the staff is told and motivated to apply Minor Research Project and write papers. Staffs is encouraged to attend research workshops and seminars.

6.3.5 Library, ICT and physical infrastructure / instrumentation

> There is a library committee to select good books for the library. Problems related to library are discussed and solved.

6.3.6 Human Resource Management

> As we are a small staff, this is not a problem. Principal takes due care to see that each staff gets appropriate responsibility based on his/her ability and interest.

6.3.7   Faculty and Staff recruitment

> There is procedure laid down by University , UGC and NCTE for it and the college abide by it.

6.3.8   Industry Interaction / Collaboration

> We have collaboration for practice teaching and Internship with schools.

6.3.9   Admission of Students

> Admission is conducted by the state government through entrance test. We all helped the state government in doing it.

6.4 Welfare schemes for

Teaching	We have staff credit co-operative society to give instant and long term loans to teaching and non-teaching staff
Non teaching	do
Students	Poor students are helped financially. Rs. 7560 was given to students as help.

6.5 Total corpus fund generated

> Management has it

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	No		yes	Principal and management
Administrative	No		yes	Management

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?

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

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```

6.11 Activities and support from the Alumni Association

```
   We have Alumni Association, but any substantial help so
far.
```

6.12 Activities and support from the Parent – Teacher Association

```
   We did not have.
```

6.13 Development programmes for support staff

```
   Not done
```

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

```
   Plantation of trees, Gardening, retaining wall to stop soil
erosion, not using plastic and not burning. Well ventilated
class rooms with natural light.
```

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

> Interactive white board has been introduced in teaching in the college.

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

> Weekly assembly was stated in the class. Staff seminar continued. Staffs was encouraged to attend seminars and workshops and take up projects.
> Curriculum was revised.

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

> 1. Students' presentation of assignments as seminar in the respective classes.
>
> 2. Sci-fun project by the college

> *Detail is attached in the annexure i and ii*

7.4 Contribution to environmental awareness / protection

> Environment day is celebrated in the college with a guest lecture on the relevant topic. An elective paper on environment education in which 30+ students were there.

7.5 Whether environmental audit was conducted?   Yes [ ]   No [√]

7.6 Any other relevant information the institution wishes to add.

> 1. Our faculties have taken keen interest in attending seminars and conferences and writing papers. We are also doing a number of workshops for school teachers in our college through extension services department.
>
> 2. We have one year certificate programme in pre-primary education in our college. It is running successfully.
>
> 3. IGNOU B. Ed study centre is there in our college. Our staffs are actively engaged in those IBNOU activities.
>
> 4. We are trying to get M. Ed and a research centre for the college.
>
> 5. We have a name in the state. Our management that is 'Goa Vidya Prasarak Mandal' is 100 years old institution has love for education and strive for quality in teaching and learning.

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

> 1. Organising state level seminars in teacher education and on quality parameters.
>
> 2. Taking IQAC activities seriously.
>
> 3. Taking up UGC projects.
>
> 4. Developing skills for research and writing of the staff.
>
> 5. Instituting PTA

Name __Mr. Ganesh Chandra Naik_____   *Name*   Dr.Allan Abreo

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

Annexure 1

Best practice on students' assignments.

Best practice 1:

Title: Students' assignment presentation as a teaching, learning and evaluation practice

Goal: This practice was part of our policy to make teaching and learning student-centred.

Context and practice : Instead of the teacher teachers teaching everything in the class, some topics (at least 25%)would be given as assignments to students to present in the class. Students would search materials from different sources with the assistance of teachers and submit written assignment. Some part of assignments would be presented in the class with the help of LCD projector and using power points. Before presentation they may like to show it to their teacher for any change.

In advance the students are told about their presentation date so that they come prepared. In general class the assignments are done collaboratively and presented also in group. Time for presentation is decided based on the nature of the topic. At the end the audience students are free to ask and add to it. The teacher also asks and adds to the presentation. Students are graded based on their presentation and participation in the seminar.

Evidence of success: All Students do it and make PPT   for presentation. Many new ideas are presented which even the teacher is not aware of at times. On that topic the students become proficient and get good marks in examination. A ready- made note on a number of topics become ready for all students. Students get a variety of presentations in the class. Students seminar has become a regular and time tested practice in the college and is compulsory in all papers.

Problems encountered: Some students do not prepare on the presentation as required. So their presentations are not liked by the students. There have been several instances of absenteeism during these presentation sessions. Many students do not pay attention to these presentations as these are by the students not teacher. They do not participate in discussions at the end of presentation.

Notes: It is a best practice in a class of 30 students. Each student should get minimum 20 minutes to present a topic. It is better to reward those who participate in the discussion also. Give sufficient time to prepare on the topic and please check their PPT before it is presented.

(The full report has been published in Naik, G. C.(2012) Students' presentation: Students view on it. *New Frontiers in Education*, Oct-Dec. pp. 43-47.)

Contact details

Name of the IQAC co- ordinator: Mr. Ganesh Chandra Naik, E-mail: ganeshchandra40@yahoo.co.in

Name of the Principal: Dr. Allan Abreo

Name of the Institution: GVM's Dr. Dada Vaidya College of Education, Ponda, Goa

Accredition status : B Grade (2.77)

Website: http://www.gvmcollege.com , E mail : gvm.educol@gmail.com

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Annexure ii

Best Practice 2

1.TITLE

SCIFUN: Science popularizing program in middle and secondary schools of Goa, funded by Dept of Science, Technology and Environment, by using low cost materials.

2.GOAL

The aim of this program is to make the subject more lucid and interesting for school children. It is to help students relate science in daily life and to use low cost, throw away materials for learning science. The program aims to dispel the notion that science learning needs special set up and equipments.

3. THE CONTEXT

The program has been created, designed and organized by Dr. Anna Neena George, Associate Professor at the College at the behest of the GVM Management. it is being conducted for 3 years from 2011.The DST hasn't specified or given any program format per se. The program is indispensable due to the colossal dearth of 'learning by doing' in science education and the extreme importance given to scoring of marks in written exams, in schools. The only hurdle in the program is the paucity of time. The B.Ed. course being very intensive, it becomes difficult to train the students for the program and organize many school visits. The program is not part of the B.Ed course.

4. THE PRACTICE

The most unique feature of this program is the direct link between teacher trainees and school children. Here the trainee is given free hand to design learning experiences and the materials. This program not being part of the B.Ed. assessment, adds value to their contribution. Such dynamic voluntary programs are rarely part of Indian Higher Education**.** The program is designed to give opportunity for school students of std.6th, 7thand 8th to handle the materials and learn science. The B.Ed (Science) trainees are given orientation about the program. They are asked to make science teaching materials using Arvind Gupta's ideas, using throw away and low cost materials like old slippers, straw, old CD, pet bottles, balloons, syringe, bottle brush, cycle wheel. The science students are trained to give explanation about the concept, with the help of handmade flash cards. During the program, the school students are divided into small groups of 4 or 5 and each group shares the material. The materials are made to cater to class of 45 or 50. Every visit to the school which is of 3 hours, consists of 1 hour in the classroom followed by 2 hours of demonstrations to the combined group of 6th, 7th and 8th. Here they get to see presentation, science action song and chemistry demonstrations.

 5. EVIDENCE OF SUCCESS

The program has been conducted in 16 schools on Goa in 3 years, catering to 2000 students, including Navodaya Vidyalayas and Kendria Vidyalayas. It has been highly appreciated as seen in the written feedback from the school principals and science teachers. It had been also conducted in Kolhapur and Sangli, Maharashtra on special request.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: Vehicle is required to go to different schools. Students of the college have to provide their own time to be part of this programme.

7. Contact details

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Name of the Institution: GVM'sDr. Dada vaidya College of Education, Ponda, Goa

Accredition status : B Grade (2.77)

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