

SAMMILANI TEACHERS' TRAINING COLLEGE

CRITERION: - III

RESEARCH, CONSULTANCY AND EXTENSION

The academic profile of an institution get reflected in the endeavor it takes to conduct quality research and the rate of transfer of research products from Petri dish to practice. In two days rapidly changing social systems, to keep pace with the time any institution which is failed to cater the need of the society can not sustain. Being a teacher education institution as we believe we have more intricate relation with contemporary society and we are liable to serve in befitting manner. The education system, especially school education system is going through sea change. Class room of 21st century posing new challenge to the system, more clearly speaking challenge to syllabus, quality of text book, teaching method, whole curriculum and ultimately to the teachers and all concern authority. As a teacher education institution and stake holder, it is most important task to address the challenges. And that is only possible by methodical research in all allied discipline of education. With in the brief journey from the inception, despite the lack of infrastructure and other constrain, the institution had taken systemic effort to conduct research and simultaneously tried to extend the out come to the practitioner. Consultancy, extension and collaboration were the principle modalities to transfer the output to the beneficiaries.

Let us have a brief look to the research, consultancy and extension activities.-

3.1 Promotion of Research:

For doing any sorts of research work, an institution need academic infrastructure as well as competent and devoted researcher. In this institution the faculty members took the lead to conduct research work and the institution reciprocated in befitting manner, though in limited areas.

3.1.1. How does the institution motivate its teachers to take up research in education?

The GB of the college had made the agenda and discussed how the institution can promote the research. The GB decided to provide infrastructural support to facilitate research. The faculty council had discussed in detail so that the research work can be undertaken. The authority took the decision to appraise any sorts of achievement in research work. The authority also decided to link some financial rider with the degree of involvement a teacher showed to carry out the research work. Thus a conducive environment was created so that the faculty member can take up research. The college authority also encourages the faculty to take up minor research project under UGC. One of our faculty member is registered for Ph.D programme under C.U.. The faculty members are encouraged to publish their original writings in different journals and magazine. The Principal of the College being the supervisor of Ph.D in Calcutta University encourages the staff with recent information and journals. A good number of teaching personnel is entrusted to supervise 'Dissertation Under IGNOU'.

3.1.2. What are the thrust areas of research prioritized by the institution?

Details of projects

- a. Tribute to Sir Asutosh Mookherjee –“A legendary Indian Mathematician” : Md. Lutful Hoque
- b. On going Minor Research Project – “An Exploration into teacher effectiveness through team teaching using ICT Strategies”

We have also submitted two proposals for workshops

- a. Strategy and technique to be followed for conducting and evaluating practicum course of newly introduced curriculum – Anindita Guha
- b. Preparation of enrichment materials for teacher educators in view of newly introduced teacher education curriculum -2013 – Dr. Sarmila Nag
- c. A Minor Research Project submitted to UGC – “ Ishwar Chandra Vidyasagar : Spread of Western Education” – Dr. Susanta Kr. Giri
- d. Prof. Uttam Mukherjee is now actively involved in a project – entitled “Contribution of D.L. Roy in Bengali Literature”
- e. Prof. Pompa Chattaraj is going to present her project findings on “The Science embedded in Sanskrit Literacy” in the National Seminar at Sammilani Mahavidyalaya.

The following areas have been taken for conducting research work on priority basis-

- Teacher Education
- Science Education
- Research on creativity
- Environmental education
- Research on language programme.

3.1.3 Does the institution encourage Action Research? If yes give details on some of the major outcomes and the impact.

The institution really faced some problems in transacting the B.Ed curriculum and during inter-action with students or trainee teachers; some specific class room problem has been surfaced. These issues had also taken into consideration when topic of action research has been selected. Few of the action research taken as follows-

- a) Teaching Math using Origami b) Error pattern committed by the students of class VIII in Mathematics c) Preparation of low cost teaching aid in Geography and other subjects d) use of functional communicative approach while teaching English.
- Observation schedule for conducting Practicum Examination Preparation of Achievement cum Diagnostic Record Card. The result of the action research are contributing to take remedial measures.

3.1.4.Give details of the conference/seminar/workshop attended and/organised by the faculty members in last five years.

The faculty member of this college attended conference; seminars and workshop Details are provided. (List no.-seminar/ 3.1.4)

1. Dr. Madan Mohan Chel (Principal)

Seminar /Workshop (attended as Resource Person or Guest of Honour)

1. National Seminar on “Recent Advances in Constructivism at the Teachers Education in the Perspective of Social Importance”
Date :- 19th & 20th January,2012
Venue :- Panskura Banamali College (B.ED Dept), Purba Medinipur, West Bengal
2. National Seminar on “ Users’ Attitude in the changing world :- Teachers’ role”
Date :- 22nd Jauary,2012
Venue :- Satyapriya Roy College of Education
3. UGC Sponsored State Level Seminar “ Relevance of educational thoughts of Tagore even today”
Date :- 17th March,2012
Venue:- Tamrolipta Mahavidyala
4. UGC Sponsored national conference on “ Research and Higher Education in Computer Science and Information Technology”
Date :- 21st and 22nd February,2012
Venue:- Sammilani Mahavidyalaya
5. National Seminar on “History and Cultural aspect of Mathematics Education”
Date:- 2nd and 3rd December,2011
Venue :- School of Science, IGNOU
6. Round Table discursion on Distance Education
Date :- 4th December,2011
Venue:- IGNOU, Maidan Gari, Delhi
7. UGC Sponsored National Level Seminar on “Women Empowerment”
Date:- 24th & 25th February,2011
Venue:- Sammilani Mahavidyalaya
8. UGC Sponsored Seminar “Problems and Prospect of equal opportunity programme in Higher Education Programme: A psycho social perspective”
Date :- 19th September,2011
Venue :- Taki Govt. College
9. State Level Seminar on “ Learning as enjoying : Co-curricular and recreational activities in Mathematics”
Date :- 18th & 19th January,2011
Venue :- Sebyanatan Sikhan Mahavidyalaya
10. State level seminar on “ Rabindranath Tagore and Acharya Parfulla Chandra Roy: Parasanga Swadesi Anadolon”
Date :- 19th November,2010
Venue:- Sammilani Mahavidyalaya
11. Learners conference of East Zone for consolidation of learners support services
Date:- 4th July,2010
Venue:- IGNOU, Eastern Zone

12. One day Seminar cum Workshop on “ Determination of instructional strategies and Evaluation based on behavioral objectives on different school subjects”

Date :- 14th May,2010

Venue :- Calcutta University

13. Seminar on “ORIGAMI : A powerful tool for unfolding mathematical concept among learners

Date :- 21st September,2009

Venue:- Belur Ramkrishna Mission

2. Dr. Sarmila Nag , Head of the Department

LIST OF ATTENDED SEMINAR / WORKSHOP

SEMINAR & WORKSHOP

<u>TITLE</u>	<u>VENUE</u>	<u>DATE</u>
1. UGC Sponsored State level seminar “Concept of national education in India”	Jadavpur Vidyapith college of Education	29/03/2007
2. Global trends in higher education and Teachers role in keeping pace with these Trends	Ramkrishna Mission Sikshanmandir	23/12/2008
3. Education for sustainable development (UGC Sponsored national level seminar)	Rabindra Bharati University	24/03/2009
4. Management in teacher education : Sept,2010 Perspective & Prospect (UGC Sponsored national level seminar)	Fakir Chand College	24 th – 25 th
5. Women Empowerment : commemorating 2011 100 yrs of International Women’s Day	Sammilani Mahavidyalaya	24 th -25 th Feb,
6. Maulana Abul Kalam Azad’s contribution Towards education of independent India (UGC Sponsored national level seminar)	Calcutta Girls B.T College	28 th March

3. Professor Anindita Guha , Assistant Professor

LIST OF ATTENDED SEMINAR / WORKSHOP

SEMINAR & WORKSHOP

<u>TITLE</u>	<u>VENUE</u>	<u>DATE</u>
1. UGC Sponsored State level seminar “Concept of national education in India”	Jadavpur Vidyapith college of Education	29/03/2007
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4. Professor Uttam Kumar Mukherjee Assistant Professor
LIST OF ATTENDED SEMINAR / WORKSHOP

SEMINAR & WORKSHOP

<u>TITLE</u>	<u>VENUE</u>	<u>DATE</u>
1. Implementation of Supreme Court Guidelines for prevention of sexual harassment on college campus	Jadavpur University	14/15/2005
2. Promoting women's Human Rights	Breakth Rough	02/03/2005
3. UGC Sponsored Regional seminar Strategies for motivating students towards basic studies	Basanti Devi College	19/12/2006
4. GGC International workshop Global Trends in Higher Education & Teachers' Role in keeping pace with these trends	Ramkrishna Belur Math	23/12/2008
5. National Seminar – “Quality Education On attempt to evolve innovative Teaching Strategies	Bijoy Krishna Girls College	16/01/2009
6. I.A.S.K Training (W.B) on Bengali Teaching	David Hare Training college	9 th – 11 th Feb,2009
7. National Seminar: - Management in Teacher Education : Perspective and Prospect	Fakir Chand college & Sammilani Teachers Training College	24 -25 th Sept,2010
8. National Seminar :- Rabindranath : in the Light of the present	K.K. Das College	

4. Professor Pampa Chattaraj, Assistant Professor
Title – “Dasa- Dibasiya – Samskrita-Sambrasana- Barga”

Presented By :- Samskritabharati in Collaboration with Sammilani Teachers' Training College

Venue :- Sammilani Teachers' Training College

Date :- 16th July – 26th July, 2009

Time :- 12 noon – 2 p.m.

5. Dr. Mrinal Mukherjee, Assistant Professor

TRAINING/WORKSHOP	ORGANISER	DATE
Leadership course in Environmental Awareness and Wild Life Conservation Role Of Museums In Education	Zoological Survey of India, Ministry of Environment and Forest, Govt. of India Centre For Cultural Resources And Training, New Delhi. Govt. of India	9 th -12 th , January, 1996 21 st -31 st , October, 2002 2003
Capacity Building for Hands-on Participatory Environmental Learning Under Environmental Education In School System. WORLD BANK	SCERT, West Bengal & Indian Environment Society, New Delhi. Supported by M.E.F. , Govt. of India	
Teachers' Training Programme	Birla Industrial & Technological Museum, Govt. of India	5 th -11 th , August, 2004
People's Biodiversity register activities	The West Bengal Biodiversity Board., Dept.of Environment; Govt. Of West Bengal	18 th -19 th September, 2006
Teaching Environmental Education: Through School Curriculum: A sustainable approach	College Of Teacher Education, Govt. Training College , Hoogly.	25 th March, 2008
Identification of Teaching basic concepts in Biological sciences for Higher Secondary level	IASE, David Hare Training College	9 th -11 th Feb,2009
Emerging Trends in Environmental Education	IASE, David Hare Training College	25 th -26 th March, 2009
Rethinking The Guru: New Vistas of 21 st Century Teaching (IT in Education)	Educational Multimedia Research Centre, St. xavier's College (Autonomous) in collaboration with West Bengal University of Technology	9 th -10 th July,2009
Workshop on Teachers' Stress	St. Xavier's College & Satyapriya Roy College of Education	Month of September, 2010
National workshop on Biology & Behaviour of Social Insects	Dharamitra, Wardha, catalyzed by NCSTC, DST. Govt. of India	6 th -10 th Feb, 2011
Workshop on Tools In School (Films	Bichitra Pathsala (Unit of Chitrabani)	13 th March,

	as a pedagogical tool)	and Satyapriya Roy College of Education, salt lake.	2011
	Professionalism In Teacher Education	Dept. of Education, St. Xavier's College, Kolkata in collaboration with Ramkrishna Mission Sikshanamandira, Belur Math	21 st & 22 nd Feb, 2011
	National Symposium On Global Warming	All India Peoples' Science Network	16 th -18 th , September, 2007
Presentation	Development of an Achievement test on the Environment related knowledge	National Seminar on Contemporary Research in Education. Dept. of Education, C.U.	5 th -6 th December,07
Presentation	A study of the relationship between motivation and attitude towards environment observed among the secondary school teachers.	West Bengal Science and Technology Congress. Dept. of Science and Technology, Govt. of West Bengal. B.E. College and Science University, Shibpur	28 th -29 th Feb,2008
Presentation	Socio-Environmental impacts of unplanned growth of cloth dying & bleching industry at Chatta Kalikapur mouza.	West Bengal Science and Technology Congress. Dept. of Science and Technology, Govt. of West Bengal. Bardhaman University	28 th -29 th Feb,2009
Presentation	Construction of An Achievement Test Measuring Academic Performance In Environmental Knowledge	epiSTEME-4, HBCSE, TIFR, (International seminar on science, Technology & mathematics education)	Jan, 2011
Presentation	Assessing the impact of National Curricular Framework-2005 on Environmental Education	National Seminar on "Reality & Practices of NCTE Curricular Framework in the light of NCF-2005", Dept. of Edu, Kalyani Univ.	22th-23th September, 2011
Presentation	Inconsistency In 'UGC' Policy In The Perspective Of Assessment And Accreditation In Higher Education	National Seminar on Assessment and Accreditation in Higher Education, Government Policy, Ministry of Higher Education, Dept. Of Education, Calcutta University.	26 th March, 2012
Presentation (Abstract selected)	An Attitudinal Study on Life Style Education: The Perception of the Teachers, Students and Parents	International Conference (2012) of Comparative education society of India (CESI) (An affiliate of the world congress of comparative education societies) to be held at University of Jammu.	October 10 - 12, 2012

4b. Conference/ Seminar/ Workshop organized by faculty members-
The entire of faculty member were engaged in organizing the national seminar

1. UGC Sponsored Seminar organized with Sammilani Mahavidyalaya
2. UGC Sponsored Seminar organized with Fakir Chand College

3.2 Research and Publication Output-

3.2.1 Give details of instructional and other materials developed including teaching aids and / or used by the institution for enhancing the quality of teaching during last three years.

Instructional materials develop and used-

- i) Some CD/VIDEOS have been prepared as instructional materials.
- ii) Transparent sheet prepared are used through OHP.

1b. Teaching-Learning-materials developed-

Several low cost no cost TLM have been prepared by faculty members befitting with the curriculum.

3.2.2. Give details on facilities available with the institution for developing instructional materials?

The institution had provided the following facilities- A) a large room which is used for workshop. B) An ICT room C) Institution provides low cost raw materials for designing TLM. D) In few occasion the institution collaborates with other organizations and also request some expert in this field so that the trainees can interact with them.

SCERT provide such training materials. INTEL and Science Communication Forum, IGNOU also provide various learning materials.

With these college provides other facilities also like – Printer, Computer, Scanners, Photocopy machine, Headphones, Microphones , OHP, LCD Projector, Television, Tape Recorder, Camera etc.

3.2.3. Did the institution develop any ICT/technology related instructional materials during last five years? Give details.

According to the general policy of the institution and constant encouragement from the academic authority the teachers have taken some individual and simultaneously joint effort to prepare some instructional materials through ICT. It is worth to be mentioned here,-

<u>Subject</u>	<u>CD/ VIDEO</u>	<u>Topic/Content</u>
Life Science	Few CDs and some Video	Classification of animals/plants
Physical science	Do	Matter, Oxidation & Reduction, Periodic table, work & Power & Energy

English	CD's , Video, Audio clips	Development of pronunciation and teaching of prose and poetry
Mathematics	Do	Menstruation, Classification of Triangle & classification of rectangle
Geography	Do	Environment pollution, Green House effect & Global Warming , interior of the earth etc.
Education	Do	Micro teaching, Educational Management, Lesson Plan, Socialization, Aims and Objective of education etc.
History	Do	Contribution of Vidyasagar, Contribution of Rammohan , Art & Culture of Mughals
Bengali	Do	Development of pronunciation
Sanskrit	Do	Grammar covering different areas and also on Prose and Poetry
Comp.Sc.	Do	E-mail, Topology, Stack, Logic –gates, Iteration through loop
Work Education	Do	Glass painting, Making of Cover file, Preparation of Pen Stand

3.2.4. Give details on various training programme and/ or workshops on materials development (both instructional and other materials)

a. Organised by the institution

b. Attended by the staff

c. Training provided to the staff

4.a. Training/Workshop organized by Institution:

The institution in collaboration with science communicators' forum organized workshops in the month of September in 2009 & 2010 successively Activity Based Teaching in science

along with trainee teachers, schools teachers from neighboring schools are invited for this workshop. These workshop are non residential in nature. All these workshops were conducted for capacity building of science teachers so that they can practice hand on activity in classroom teaching.

- i) UGC Sponsored Seminar organized by Sammilani Teachers' Training College in collaboration with Sammilani Mahavidyalaya
- ii) UGC Sponsored Seminar organized by Sammilani Teachers' Training College in collaboration with Fakir Chand College
- iii) UGC Sponsored National Seminar "The Scientific and Technical Literature in Sanskrit : The Art and Entertainment within it"- 18th & 19th December,2013 organised by the Dept. of Sanskrit, Sammilani Mahavidyalaya, Kolkat-75
- iv) Workshop on "Teaching Phy.Sc Using simple experiments.
- v) Two Days workshop was organized for the capacity building of trainee teachers simultaneously for Sanskrit on 1st week of October, 2011. In this occasion also some expert were hired from other organization.

4b. Training/ workshop attended by Staff:

See List No.- (**List no.-seminar/ 3.1.4**)

4c. Training provided to the staff

- i) The institute in collaboration with IGNOU has provided Computer literacy training to teaching and non-teaching staff of the college.

3.2.5 List the journals in which the faculty members have published papers in the last five years. (List No. Pub/3.2.5)

1. Dr. Madan Mohan Chel , Principal

a. Problem solving Heuristics in the recreational activities Mathematics
Published in the Journal of CPSM
Issue:- July,2011

b. UGC Sponsored National Level Seminar: - Paper Published – "SWOT Analysis of the existing management system in Teacher Education in West Bengal"
Published in proceedings by Seminar of Fakir Chand College
Date :- 24th & 25th Spetmber,2010

2. Dr. Sarmila Nag , Head of the Department

a. Micro issues of management in Teacher Fakir Chand College 24th & 25th Sept,2010
Role of action Research

b. In house violence : Indian Context Sammilani Mahavidyalaya 24 & 25th Feb.,
2011(National level seminar)

3. Prof. Anindita Guha , Assistant Professor

a. Micro issues of management in Teacher Fakir Chand College 24th & 25th Sept,2010
Role of action Research

b. In house violence : Indian Context Sammilani Mahavidyalaya 24 & 25th Feb., 2011
(National level seminar)

4. Prof. Uttam Kr. Mukherjee, Assistant Professor

1. **Book:** - Banglar Ranga Mancha **Published By:-** Sahitya Sangi **Year of publication :-** 2007
2. **Article :-** Paribesh Siksha :- Sampratik Smaysa o Rabindranath **Published on:-** Uddalok **Year :-** 2011
3. **Article :-** Mulyabodher Shiksha : Prasanga : Sanat Shiya **Published on :-** Path **Year :-** 2011
4. **Smriti Baktrita :** Sarbaharar Sahitye Sarat Chandra & Simabadyata **Held on:-** Sarat Samity **Year:-** 2010

5. Prof. Biswajit Sammaddar, Assistant Professor

1. “Possibilities of Eco-tourism Industry in the Peripheral Zone of India Sundarban”

Published by: - “Indian Journal of Institute of Landscape Ecology and Ekistics”

Vol-32, No. - 02

Date :- December, 2009

- 2 “Eco-Town- A green Path Towards Environmental sustainability”

Published by :- “Indian Journal of Institute of Landscape Ecology and Ekistics”

Vol- 33 No.-1

Date :- June, 2010

6. Prof. Pamapa Chattaraj, Assistant Professor

“SANSKRIT SHIKSAN PRADHOTTI” – A text book of Sanskrit Method

Published By: - Rita Publication

1st Published – January, 2009

7. Dr. Mrinal Mukherjee , Assistant Professor

PAPERS

Paper
published

Paper
published

Paper
Published

TITLE

Construction of An Achievement
Test Measuring Academic
Performance In Environmental
Knowledge

An assessment of environmental
education curriculum in school in
West Bengal

The Effect of Academic
Achievement on Ecological Value
amongst Students with Visual
impairment

JOURNAL

Proceedings, epiSTEME-4,
HBCSE, TIFR, (International
seminar on science, Technology &
mathematics education)

Psyber News: International
Psychological Research
Publication. (ISSN NO. 09760709),
Sikshachintan-A journal of
Education(ISSN 09735461),
Vol-5

Paper Published	. Environmental and sociological impacts of dying and bleaching industries at Chatta Kalikapur, West Bengal.	Journal of Environment and Sociobiology (ISSN 0973-0834) Vol. 7(No.1)
Paper Published	A study of the relationship between motivation and attitude towards environment observed among the secondary school teachers.	A Peer-Reviewed Journal of Education, Rabindra Bharati University, Vol.XII, No.1, ISSN 0972-7175
Paper published	Environmental Awareness and Action of Hearing Impaired students and students of Normal Hearing Capacity: A comparative study.	Journal of Environment and Sociobiology (ISSN 0973-0834) Vol. 5(No.2)
Paper published	Comparative Study of the Attitude Towards Environmental Education of the teachers of ICSE schools and the schools administered by West Bengal Board of Secondary Education	ANWESA, A Journal of Education. Ramkrishna Mission Brahmananda College of Education. Vol-3. ISSN-0973-5895.
Paper published	Field Based Participatory Activity in Environmental Education	Indian Journal of Educational Research. Vol-1, ISSN 2277-3819

8. Dr. Susanata Kumar Giri , Assistant Professor

- Literacy Magazine “**PATH**” on Vidyasagar & his evaluation, 2012
- Literacy Magazine “**ANESWA**” on Deshpriya Virendranath Sasmal on his contribution of freedom movement, 2012
- Anarchist conception and Gandhiji , 2011-2012

3.2.6 Give details of the awards, honors and patents received by the faculty members in last five years.

Awards/ Honors/ Patents received by the faculty members:

Dr. M.M. Chel – Honored as Jt. Supervisor for conducting Ph.D works in Dept. of Education, University of Calcutta

Dr. Mrinal Mukherjee – Awarded Ph.D degree

Dr. Sarmila Nag – Programme- in -Charge selected by IGNOU

3.2.7 Give details of the Minor / Major research projects completed by staff members of the institution in last five years.

Minor Research projects completed by Staff members on last five members:

Dr. M.M. Chel acted as co-investigator for the following project.-

Title of the project: A study to assess the impact of environment related activity programmes on the students’ environmental awareness and action skills in secondary schools with special reference to Sundarban areas (Ref. No. 216/UPE/07) Few Projects have been submitted to UGC for approval as Minor Research Projects

3.3 Consultancy:

3.3.1. Did the institution provide consultancy services in last five years? If yes give details.

This is a teachers' training college having a limited number of resourceful teaching faculties. Till they are offering academic consultancy to different educational institution for their betterment mostly on honorary basis. A few of them are mentioned below

- a. Pedagogical support to staff member of Future Campus School: Dr. Sarmila Nag & Smt. Anindita Guha has provided consultancy to the Future Campus school to train the staff member in pedagogical aspects of teaching.
- b. Curriculum development of Environmental Education of DPS-Megacity: Dr. Mrinal Mukherjee, one of the faculty members was engage with this project.
- c. Vacation Camp for Creative Learning-2009, organized by Science Communicators' Forum supported & catalyzed by Department of Science & Technology, Govt. of India: Dr. Mrinal Mukherjee, on behalf of the institution, acted as a resource person in planning and executing the camp.
- d. i) Action Research Project under taken by Sarva Siksha Mission, South 24 Parganas: Dr. Mrinal Mukherjee, on behalf of the Institution acted as resource person in framing the plan of action research.
ii) Prof. Anindita Guha framed Action Research on :
A comparative study between general and special school curriculum of CI-VII-VIII
Present status subject Education at +2 level : its effectiveness and implication
The present condition of primary education
Dr. M.M. Chel associated with i) All India Science Teachers' Association (AISTA)- for devising and conducting Science Aptitude and Talent Search Test (SATST) and ii) Centre for Pedagogical Studies in Mathematics (CPSM) for the same in 'Achievement cum Diagnostic test for Secondary and Higher Secondary level students iii) Dr. M.M. Chel is acting as Jt. Supervisor for conducting Ph.D works in the Dept. of Education, Calcutta University. One scholar has already been awarded Ph. D degree in Education. Other three scholars are pursuing Ph.D work under his Jt. Supervisors hip. iv) Former member of mathematics curriculum and Text book writing group (class VI-X), W.B.B.S Education, W.B Madrasa Board. v) Examination Supervisor: National Institute of open schooling Monovikash Kendra, Calcutta vi) Expert member – Dept. of Mathematics, Tollygunge Engineering College vii) Member, Expert committee P.G. Department, Education, Fakir Chand College, Diamond Harbour
- e. Dr. Sarmila Nag is performing as Programme-in-Charge in IGNOU Study Centre also performing as a approved counselor in IGNOU and NSOU.
Anindita Guha is working as a Assistant Programme-in-Charge of IGNOU and also the Coordinator of NSOU B.ED (ODL MODE) & also works as a approved counselor.
Prof. Uttam Kr. Mukherjee is serving as a Coordinator of Rabindrabharati University Study Centre

Dr. M.M. Chel, Principal, Sammilani Teachers' Training College extend his service to Calcutta University, Dept. of Education as a guest faculty. He is in confidential service related with examination of Calcutta University (B.ED, MA, M.PHILL) NSOU (B.ED , M.A (EDN) Vidyasagar University (B.ED) Burdwan University (B.ED)

Dr. Sarmila Nag, Head of the Dept.

Delivered lectures

- i. Resource person for Extended Contact Programme dated October 2011
Topic :- Higher Education
- ii. Resource Person for Extended Contact Programme dated 25th May, 2012
Topic:- Course design I & II & small group project work area PGDHE
- iii. IGNOU Interactive Radio Counseling – Reg. dated 13th November, 2010
Topic :- Theory of Piaget
- iv. IGNOU Interactive Radio Counseling – Reg. dated 23rd April , 2011
Topic :- Nature & Purpose
- v. IGNOU Interactive Radio Counseling – Reg. dated 20th May, 2012
Topic :- School Governance and Financial Management
- vi. UGC Sponsored National Seminar dated 25th Sept, 2010
Topic :- Micro issues of management in Teacher Education, Role of action research
- vii. UGC Sponsored National Seminar. dated 24th February, 2011
Topic :- In house violence on women –Indian context
- viii. As a Resource person dated 10th June, 2011
Topic :- Achievement test and Pedagogical Analysis

3.3.2. Are faculty / staff members of the institute competent to undertake consultancy? If yes list the areas of competency of staff members and the steps initiated by the institution to publicise the available expertise

Till the times the institute has not publicize any document regarding the consultancy services provided.

Yes, Some of the faculty members are competent to undertake consultancy in the academic arena like

- i) Diagnosis of underachievement in Mathematics – Dr. M.M. Chel
- ii) Preparation of CDs remedial teaching , enrichment materials in teaching Education – Dr. Sarmila Nag
- ii) Test construction evaluation of Environment Awareness – Dr. Mrinal Mukherjee
- iii) Monitoring though remote sensing and QIS –Prof. Biswajit Samaddar for searching of land for industrialization to flourish
- iv) Use of phonetics for development of pronunciation skills. – Prof. Kamalika Mukherjee.

To initiate the steps with regard to publicize the expertise, the Principal of the college refers the names of the faculties to appropriate authority /organization for their involvement.

3.3.3. How much revenue has generated through consultancy in the last five years? How is the revenue generated, shared among the concerned staff members and the institution?

The nominal remuneration what so ever generated by consultancy has been utilized for development of the educational resources of the institute. Apart of revenue generated from IGNOU goes to a free school to run its functioning.

3.3.4. How does the institution use the revenue generated through consultancy?

When the distance learners of IGNOU approaches to the institution for offering additional student support, the institution requests the faculty to extend their academic consultancy. As a mark of respect, those learners in a group offer some kind of materials like Xerox papers, sound system etc. to the institution as a token of appreciation.

3.4 Extension Activity:

3.4.1. How has the local community benefited from the institution? (Contribution of the institution through various extension activities, outreach programmes, partnering with NGO's and GO's)

Through extension activities and community outreach programme conducted by the students, the local community has been benefited in the following ways i) 'Each one teach one'- Mukundapur Basti Area. ii) 'Awareness towards safe drinking water'- Ward no. 106 iii) 'One tree on life' -Tree plantation programme with All India Science Teachers' Association iv) 'Math for fun'- organized Mathematics camp for the students of class VI of local schools in collaboration with Centre for Pedagogical Studies in Math (CPSM) v) Survey on awareness of literacy in the area and making the local people aware about the importance of being literate.

3.4.2. How has the institution benefited from the community? (Community participation in institutional development, institution-community networking, institution-school networking, etc.)

The institution is also benefited from the local students' community practice teaching school in the following ways

Every year, the students of this college in collaboration with Centre for Pedagogical Studies in Math (CPSM) organize 'Math Quiz cum Quest Programme' and Math Talk competition in which the student teacher and school teachers act as Quiz master and prepare many math quiz.

As the institution is very much close to 'Paschimbanga Rajya Pratibandhi Sammilani' so it extends its activities among the persons /students with disabilities in the following ways

i) Jointly organize sports ii) cultural programme iii) encourage them by providing financial help (cash prize) for purchasing books, equipments to school college and university students. Thus the institution is involved in the concept of inclusive education in real sense.

3.4.3. What are the future plans and major activities the institution would like to take up for providing community orientation to students?

To provide community orientation to students, the institution plans a) to submit a 'Minor research proposal' to UGC for financial assistance. In the project the students will be actively involved. b) A project proposal to be submitted to Dept. of Science and Technology, Govt. of West Bengal for conducting a project on 'Enhancement of Environment Awareness among physically challenged students of class VIII. c) 'Computer Literacy Programme for running small business'

3.4.4. Is there any project completed by the institution relating to the community development in the last five years? If yes give details.

No project is completed but some survey work has been undertaken as community out reach programme like i) Source of Daily news paper gathered by community people ii) Math used by Farmers & Fisherman

3.4.5 How does the institution develop social and citizenship values and skills among its students?

To develop social and citizenship values and skills among the students, the institution initiates following approaches

- i) Organise field trips Excursion to different places
- ii) Arrange 'Hands on experiments' in collaboration with different organization
- iii) Holds seminars and debate session on contemporary issues
- iv) Authorise /sponsored the students to participate in 'national meet' (In the year 2013 Pune – 2 students)

3.5 Collaborations:

3.5.1. Name the national level organizations, if any, with which the institution has established linkages in the last five years. Detail the benefits resulted out of such linkages.

The college has established a close linkage with Indira Gandhi National Open University (IGNOU) on and from the academic session 2008. We are offering the following courses of IGNOU through the college study centre (2896P), we have also IGNOU Convergence Unit (STT7099) which is now nonfunctioning.

The benefits that we are acquiring out of such linkages are many a varied like

- i) College Faculties who are acting as approved counselors are getting the opportunity of updating themselves with the IGNOU Study materials.
- ii) Be a part of 'People's University' getting the scope of exchange of views with other experts and distance mode learners.
- iii) Fulfilling the demands of large number of learners
- iv) Utilizing the infrastructure of the college in a better way
- v) Getting the opportunity for holding joint seminars etc.

The institution has established linkages with the following organization / institution for collaborative works

- ii) State Council of Educational Research and Training (SCERT), Govt. of West Bengal
Associated with different project work of SCERT. Students are made acquainted with the activities of SCERT so that they can use the resources (CDs, learning materials in their actual classroom situation.
- iii) West Bengal Board of Secondary Education associated with the development of Text books as expert members. Resource persons in Board's Workshop for teacher orientation
- iv) All India Science Teachers' Association Framing and conducting 'Science Aptitude and Talent Search Test for classes III-XII
Holding activities like quiz, Extempore Talk, innovation in class room teaching etc.
- v) Centre for Pedagogical Studies in Mathematics (CPSM) holding 'Achievement cum Diagnostic Test in Mathematics' (ADTM) class III-XII
- vi) Dept. of Education, University of Calcutta, Associated with the Research Projects on Environment Education (Dr. Madhumala Sengupta); Math. Laboratory (Dr. Aditi Ghosh); Teacher Effectiveness (Dr. Nema Maity)
- vii) B.ED Dept, Fakir Chand College, Diamond Harbour holding UGC Seminar and Teacher Exchange Programme
- viii) Sammilani Mahavidyalaya, Kolkata-700075 holding UGC Seminar

Guest faculty from (Computer Sc. Dept.)

3.5.2 Name the international organizations with which the institution has established any linkage in the last five years. Detail the benefits resulted out of such linkages.

NOT APPLICABLE

3.5.3 How did the linkages if any contribute the following?

•Curriculum Development • Teaching • Training • Practice Teaching • Research • Consultancy • Extension • Publication •Student Placement

Such linkages are contributing in the academic fields in the following aspects

i) **Curriculum Development** – Teachers are well versed with the school curriculum (under W.B.B.S Edn.), B.ED Curriculum of both Calcutta University and IGNOU, so they are able to do justice with B.ED curriculum Development in future.

ii) **Teaching** – Teachers are now capable to introduce the best practices of ODL system like giving assignment, use of ICT, print materials, offering grade, supervising teaching with schedules etc in formal system of teaching i.e. in case of face to face teaching in the college

iii) **Training** - Instead of formal training of the counsels, they get practical experiences from the practicing teachers of IGNOU

iv) **Practice Teaching** – Under IGNOU, distance learners execute their practice teaching in real class room situation which is supervised by his mentor. They try to make a link between theory and practice of the course. So by conducting the final teaching practical examination with the help of pre designed making schedule, the counselors of our college are much benefited through the process.

v) **Research** – During the workshop of B.ED Course under IGNOU, learners are to undergo some sort of ‘Action research’ and those are supervised by the counselors of this college. Moreover, in M.A (Edn.) and other courses of Education under IGNOU, students are to conduct ‘Dissertation’ under the guidance of our teacher educators. In doing so teachers are becoming well conversant with the process of research. Similarly, in Special B.ED under Netaji Subhash Open University (NSOU), dissertation is compulsory for all students.

vi) **Consultancy**- In performing the work of ‘Supervisor’ for ‘Dissertation Works’ the teachers also act as educational consultant. Though there is no monetary profit, but the honour and extension work that the teachers receive for that is also valuable for the institution.

vii) **Extension**- Such linkages with different organizations have widens the scope of extension work of our college. Teachers and representatives of students are taking part in school syllabus modification programme, co-curricular activities with IGNOU students, organization of Joint seminar etc.

viii) **Publication**- **College Magazine:-“PATHER PANCHALI”**

Wall Magazine: - “SAMMANNAY”

Magazine History Dept. - “UTTARAN”

ix) **Students placement** – Though teachers for Govt. aided school are selected by School Service Commission but for Self financing schools, we are approaching for holding selection in our institution. Distance learners specially the head of the institution who are the teachers of such school are providing such information.

3.5.4. What are the linkages of the institution with the school sector? (Institute-school- community networking)

The college is expanding the institute –school – community linkage in the following way

i) Head of the institution along with the assistant teacher of the practice teaching schools who are rendering their services as mentors to the student teachers under practice teaching session are invited in different academic and cultural programme of the college. Through questionnaires their valuable suggestion are incorporated in our functioning. Head of the institution are requested to act as a judge in the paper presentation session of the students.

Moreover, the deputed teachers, after the completion of B.ED Course, are associated with college as alumni of the college.

We organize ADTM of CPSM and SATST of AISTA in which student of different schools take part and consequently get acquainted with college.

3.5.5.Are the faculty actively engaged in schools and with teachers and other school personnel to design, evaluate and deliver practice teaching. If yes give details.

The schools when they give us permission to conduct practice teaching, we first consult with them about the subject available in their school and medium of institution. We select candidate and send them to school. There they get the necessary syllabus and take help from the faculty member to prepare the lesson plan and teaching aids. The college faculty also visits the schools regularly to evaluate the students who take responsibility of the students of that particular school. The in-service teachers are also benefited through exchange of views with their mentors in the school. The faculties also are invited by different schools as judges in various quiz and debate shows and also to share their opinions and views in different programme organized by the school.

3.5.6 How does the faculty collaborate with the school and other college or University faculty?

Collaboration with school faculty: - Collaboration with school faculty starts from practice teaching preparation and evaluation of lesson plan is done jointly by college and school faculty. The school also sends invitation to join seminars and lectures organized by the school. They also invite college faculty members to take the seat of a judge in various shows organized by the school.

Collaboration with other college faculty member :- The college faculty participate in various Seminars organized by different college. We also invite special guests and educators of other college to our college to enlighten our students and Through exchange of teacher programme every college now a days is benefited, through exchange of views and their knowledge is updated

Collaboration with University faculty – The University faculty also invites the college in various seminars and workshop organized by the university. They are involved in selection and preparation of syllabus and textbook. Not only University of Calcutta we also are involved in spot evaluation and joint

venture in classroom with other universities also like Vidyasagar University, Netaji Subhash Open University and Indira Gandhi National Open University. We also participate in Workshop and Seminars conducted by these Universities also.

3.6 – BEST PRACTICES IN RESEARCH

3.6.1. What are the major measures adopted by the institution to enhance the Quality of Research, Consultancy and Extension activities during the last five years?

i) Broadband with 24hrs internet connection is now installed in the college to benefit the teachers.

ii) Printing, Scanning, etc are now there in the college to help everyone in their work.

iii) Experts are invited to enlighten us from different universities and education department with their talks and to deliver lecturer on contemporary issues.

iv) Teachers are motivated to take up Minor Research Projects in different field.

v) Teachers are also motivated to become supervisor of Desertation research projects conducted by ODL students

vi) We are offering our consultancy to various organizations like preparation of Question Bank of Staff Selection Commission, preparation of Question paper, text books etc. for school teachers' organization

vii) Extension activity – We are gradually extending our activities towards inclusive education, like finding out causes behind their low achievement, preparing them for main stream education etc.

viii) After submitting an article in State or National level seminars, teachers are encouraged to present the relevant portion before the students or to discuss among staff

3.6.2. What are significant innovations /good practices in Research, Consultancy and Extension activities of the institution?

Research

We selected some social contemporary issues, like- effect of reality shows on children, filling of wet lards to make high rise, use of mobile among school going children etc and are conducting Action Research on these issues.

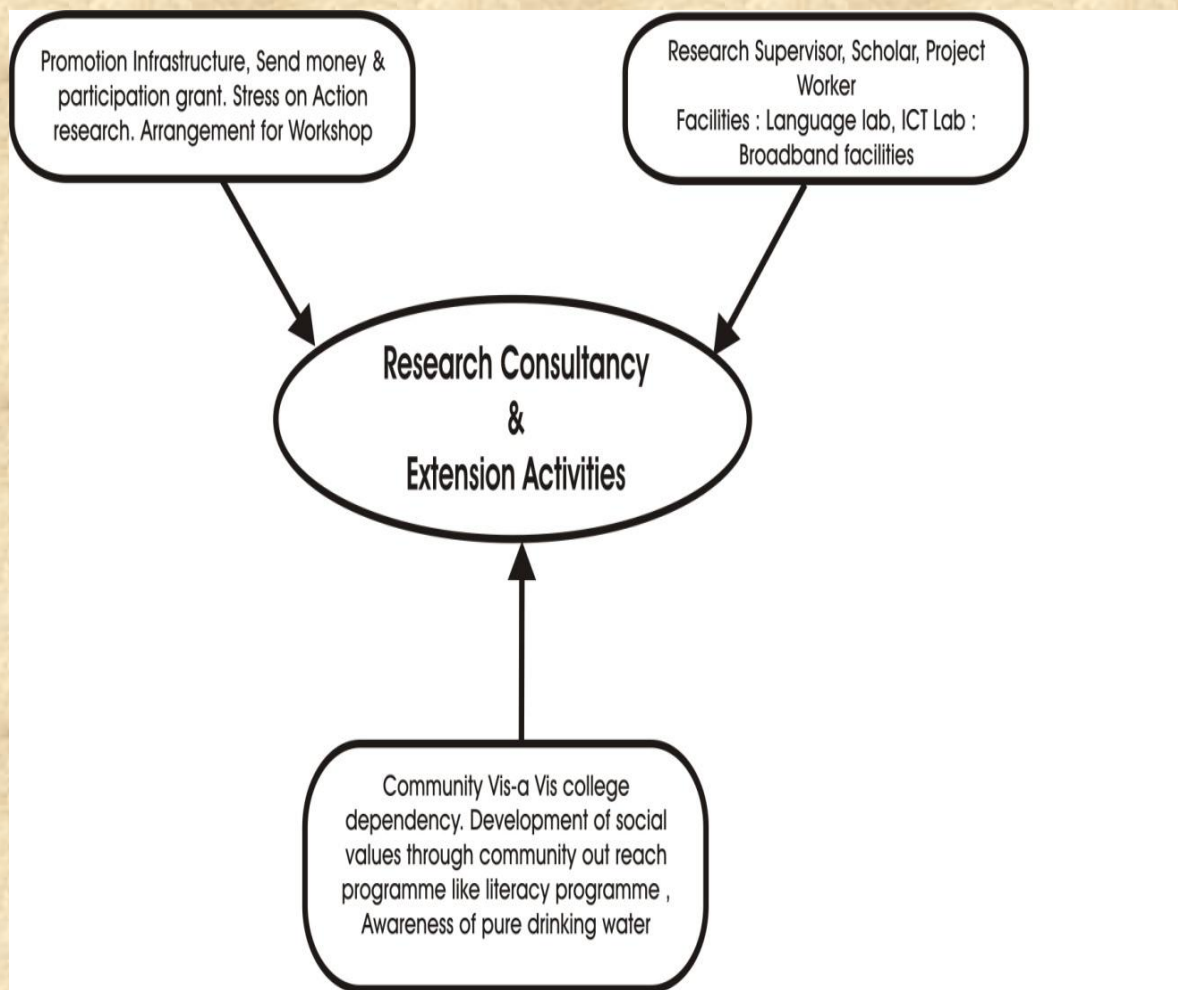
In collaboration with Pro- Vision Education, the college has generated 'Profile Mapping Report' of each student depicting the teaching quotient, empowerment quotient and other portfolios.

Consultancy

The faculty prepares innovative questioning and evaluation schedule while preparing test items for Staff Selection Commission, Banking examination and various other examinations. The college also prepared an innovative Teaching Aptitude Test and conducted it on the trainee students.

Extension Activity

Innovative extension activities like, "Awareness of Literacy", "Each one teach one", "Math for Fun" are organized by the college. After this programme at least one is many student is benefited with 3R's. We are also capable of preparing the Special Children for mainstreaming





PARTICIPATION IN YOUTH PARLIAMENT



PUBLISHED COLLEGE WALL MAGAZINE