

### **CRITERION III - RESEARCH CONSULTANCY AND EXTENSION**

#### **3.1 PROMOTION OF RESEARCH**

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

The institution constantly motivates its faculty to take up research in education from time to time. They are motivated to attend the seminars and workshop etc. Their teaching schedule are made/adjusted accordingly. Institution also holds seminars and workshops with facilities interaction with other experts and the students. Research ideas in normal teaching is the common practice in the college. Teachers are provided with various facilities like Internet access, Typing Assistance, Research Journals at free of cost.

##### **3.1.2 What are the thrust areas of research prioritized by the Institution?**

The thrust areas of research prioritize by the institution are as under:-

- Teaching of language.
- Use of technology in the field of education, use of computers, OHP projectors, LED Projector, slides, PowerPoint presentation etc.

##### **3.1.3 Does the institution encourages Action research? If yes, details on some of the major outcomes and the impact.**

Yes, the institute encourages action research with clear objectives in mind and achievable and outcome and impact.

### OBJECTIVES OF ACTION RESEARCH

- To develop the research oriented activities among teachers and to help them solving day to day problems of the classroom and also help them in developing the excellence in their working/ communication skills.
- To bring excellence in teaching of school practice.
- To develop/scientific attitude/professional improvement among teachers trainees.
- To bring qualitative outcome of teaching learning process by adopting scientific method in class room activities and related evaluation.
- Teacher's trainers are made aware of action research, their concepts achievement, aims, areas and significance/outcomes etc.
- Group discussions are organized to motivate teacher trainees on the research activities. It also enhances the problem solving abilities, efficiency in teaching.

### Description

Before going for the teaching practice, the teacher trainees are provided with the conceptual knowledge of action research which covers the following areas:-

- Concept of action research
- Objectives of action research
- Characteristics of a good research worker
- Areas of action research

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- Paradigm for action research project/steps of action research with example.
- Significance of action research

After this, open discussion takes place with the teacher trainees and they are motivated and inspired to conduct research on the problems which they actually will face in their regular class room teaching.

#### **The Outcome and Impact**

- Developed problem solving ability and scientific attitude among teacher trainees.
- Made the teacher trainees research minded.
- Helped teacher trainees in improving the efficiency of their teaching.
- The quality of teaching-learning process was improved.
- Teacher trainees were able to solve the day to day problems of school teaching.

### **3.2 RESEARCH AND PUBLICATION OUTPUT**

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

The various instructional and other materials develop or used by the institution are as detailed below:-

- Self instructional material

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- Print material such as :-
  - Lesson plans (appox.600)
  - Charts (appox. 1000)
  - Flash cards (appox.200)
  - Transparence (appox. 800)
  - Slides (appox. 100)
  - Non print material such as models (appox.200)
  - PowerPoint presentation (appox.200)
  - Question Bank
  - Audio cassettes and CD'S on various topic of English, Hindi, Maths.

#### **3.2.3 Give details on facilities available with the institution for developing instructional materials.**

The various facilities available with the institution for developing instructional material are as follows:-

- The institution has a well equipped computer Lab with 20 Computers with free internet access and 5 Printers/Photo copies are available. All the computers are used for development of self instructional material PowerPoint presentation and computer assisted learning material.
- A fully equipped language lab and work experience lab is also available in the college.

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- A psycho lab with all psycho tests are available.
- In ICT lab including OHP, LED and slide projector are also available in the institution.
- A seminar hall is also there with 200 chairs.
- A resource room for handicapped children is also available
- Free Internet service facility for student during all working days.

Well equipped library with following facilities:-

- Text books and reference books.
- Journals
- Periodicals, Magazines and newspapers
- Computers
- Audio-video cassettes
- Internet
- Resource materials

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

Yes, the institution has developed following ICT/technology related instructional materials:

- Lesson plan CD'S.
- Subject related CD'S.
- Power point presentation.
- Audio Cassettes and CD's on various topics of English and Hindi

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**3.2.4 Give details on various training programmes and/ or workshops on material development (both instructional and other materials)**

- **Organized by the institution**
  - **Attended by the staff**
  - **Training provided to staff.**
- The institution organized training programme on instructional material development for the pupil teacher in which they were trained by the faculty member to prepare various teaching aids such as chart, transparencies and model etc.

The institution organized training programme on the following:-

- First AID Training programme
- Puls Polio Training
- Yoga
- A college level seminar on “educate the educator” was held on 9th March 2013.
- A college level seminar on “Emerging Role of Teacher Education : National Global Perspectives” was held on 22 Nov. 2014.
- Total 30 Numbers of the Seminars have been attended by the Staff during last five years.

### 3.3 CONSULTANCY

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

**The institution extends its expertise for consultancy services to educational institution and organisations in the following manner:-**

- The institution holds Conferences on professional technical skill in teaching, microteaching, guidance and counseling.
- Institution deputed the faculty to hold consultation sessions with head/manager of local schools for improving school education.
- Institution organize a programme to train the pupil teacher for the use of new technology at the time of teaching practice.
- Institution encourages the Pupil teacher's to use power point presentation/use of Laptops as teaching aids.

#### 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.

Yes, the faculty members of the institute are competent to undertake consultancy. Their areas of competency are education and the subject of their post graduation. They provide Consultancy to students of B.Ed, M.Ed and M.A (in relative subject) and M.Phil.

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**3.3.3 How much revenue has been generated through consultancy in the last five years? How is the revenue generated? Shared among the concerned with staff members and the institution?**

Constantly is give at free of cost/or voluntary for the near village school Practice Teaching School.

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

**N.A**

**3.4 EXTENSION ACTIVITIES**

**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)?**

The community by and large recognizes the extension activities of the institution it improves the local linkages and gives awareness to the community on basic issues and organized various extension activities, outreach programme etc.

For the benefits of local community with the help of NGO'S the institution involve the students in it and teach the children of labour class. They help to teach them for creating resources for earning:-

Our pupil teacher trains them about the following:-

- How to make newspaper envelopes



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- Clay Moulding
- Best out of waste

The pupil teacher were taken into the villagers and they help to aware the village people about the cleanliness of themselves and about their surroundings.

Pupil Teacher's emphasized upon the need of education in today's world and motivated them to learn and educate their family.

The pupil teachers are encouraged to plant trees and take care of them. Importance of Tree Plantation is told to the students, Van Mahotsava have been organised in the college from time to time.

Various projects works or rallies are organized by the pupil teachers on the following topics:-

- Tree plantation
- Save girl child
- S.S.A
- Pulse polio Abhiyan
- Voting

#### ➤ **Out reach programme**

The pupil teacher and members of the faculty are carrying out the reach programme in the following manners:-

- Providing counseling, training, feedback, to the students teachers.
- Providing placements at the end of the session..

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- Extending help to the teachers of adopted school with regard to updating their teaching competencies in different schools.
- Distributing audio-visual aids to neighbouring schools where our pupil Teacher's go for training also.

**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 has been benefited by the community in various ways:-

**Institution School Networking**

When institution send the pupil Teacher's in 6 different neighbouring schools at the time of teaching practice. All teacher trainees interact well with the school. Besides class room teaching each pupil teacher is supposed to take part in the morning assembly of the school. Organize certain activates like writing moral thought of the day on thought display board, writing update news on bulletin board daily, aware students about the day to day festivals and their importance in our life. Thus the pupil teachers interact with school/community to study there emerging needs and provide appropriate solutions to their problem.

**Institutions –Community Networkings**

- As the pupil teacher interact with the students after being given training, they perform well in teaching and thus help them in

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their placement. However, it can be said that broadening prospective regarding their placement. Moreover, broader prospective regarding teaching develops during community interaction. The pupil teacher learns to tackle the students according to their need and psychology. When pupil teacher deals with the community, variety of students interacts with them and thus their communication skills are improved. The pupil teachers are taken to various areas and are given chances to interact with various communities. Students come to know, how illiteracy affecting them? Institution organize various programmes such as plantation of trees, save girl child, educate girl child will help them to aware about its importance and moral values in our life. As far as, one of our project works is also very helpful for the pupil teacher to interact with the nearby community.

- On the other hand time to time heads and staff of the schools are invited in the institution to give their views about improvement in curriculum and other school activities.
- Our pupil teacher with faculty members, after teaching practice, organizes a get together with all schools/staff/party/ vote of thanks with school authorities. Principal of our college makes it a point to attend the party and expresses gratitude to the school head as well as staff members.

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The views regarding the improvement in organization of teaching practices discipline among school students, preparation and utilization of teaching aids by school teachers are exchanged with the pupil teachers.

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

The future plans and major activities that will be taken up are as follows:-

- Establishing N.S.S. unit within the institute.
- To broaden the scope of educating downtrodden people of nearby community/areas.
- Increasing the scope of community service programmes.
- Adult education programme.
- Provision of support to differently abled persons sports like (carom board, chess, Ludo, draft etc).
- Will organise “Nukkad Natak” on one of the evils of our society “Dahej Pratha” to show the social evils related to education and to make people aware of them.

Extension activities will be conducted on the following topics:-

- Tree plantation.
- Educate the girl child.
- Aware the people about using covered loo's and its importance.
- Organizing of workshop to develop communication skills in teachers and personality development

**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.**

The institution has completed following projects related to community development:-

- Socio economic educational survey
- Woman empowerment
- Pulse polio drive
- Cancer Survey, Anti Tobacco Drives
- Diabetes's
- Awareness on Save Environmental through tree plantation.
- Hypertension
- Tuber closis

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

In a professional institution, especially social work e.g. Pulse Polio Abhiyan, Aware the students of related schools of teaching practice about pollution in the surroundings. Cleanliness of yourself and our institution has adopted a number of practices through which a sense of social and civic responsibility is inculcated. They are stated below:

- While holding programme like house meeting and morning assembly, different responsibility are assigned to the student

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teachers. They get opportunity to organize programme indirectly under the guidance and supervision of house in charge.

- The student teachers are assigned different responsibility in organizing educational tours.
- The student teachers share different responsibilities in teaching, preparing teaching aids, drawing painting, card making, rangoli making, diya making competitions etc.
- During the week members of house on duty perform various duties like writing news and thought of the day, observing discipline in the library, controlling and regulating the visitors.
- In previous years, Students teachers are involved in plantation of trees and decorative plants in the pots and in this session pupil Teacher's are also involved in plantation of trees.
- Various extension activities such as Adult Education, Environmental Awareness, Social work, AIDS awareness etc. are organized to inculcate social concern in the minds of the student teachers.

### 3.5 COLLABORATION

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

Following is the list of national level organization with which the institution has established linkages:-

- GO's
  - Govt. Hospital (Mohna), Pulse Polio division
  - Govt. Education Department, Faridabad (D.E.O)
  - K.U.K.
  - M.D U, Rohtak.
  - CDL University, Sirsa
- N.G.O's
  - Paryas (Allocate NGO engaged in teaching the childrens of labourers)
  - Smt. Lahro Devi Charitable Trust

The details of benefits which resulted out of above linkages are as under:-

These type of linkages are obviously helpful for the benefit of the institution, our institution motivates their pupil teachers to attend different activities organized by the GO's and N.G.O's, They participate in Social service, work with N.G.O which is also create social and civilized qualities in our pupil teacher. Overall such type of linkages also help in inculcate developed curriculum in the institution and linkage with N.G.O's and

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government agencies help in arranging faculty exchange and academic development through teaching. These types of linkage help in gaining experience, institution and feedback regarding various teaching skills also. The students get training with modern equipments and ICT enabled hardware/Software such students are able to complete at National level for getting jobs. Such type of linkages also promotes research activities in the institution and promotes students for Social Welfare Programmes. These linkages also help to develop National and International competency and expertise in our students and members of the faculty. The linkage with National organization encourages extension activates such as Seminars, Rallies, Social service etc. The Student also gets trained with hands on experience in relevant schools during their practice teaching. The institution has established a placement cell for promotion of linkage with the institution and the schools in order to fulfill the needs of the schools and better placement of our students.

#### 3.5.5 What are the linkage of institution with the school sector?(Institute-School-Community networking)

**The College has linkage with following:-**

- i. Govt. SS School Mohna
- ii. Govt. G.H. School Mohna
- iii. Govt. Primary School (BAL) Mohna
- iv. Jagriti Vidya Niketan SS School, Mohna
- v. Saraswati Modern Public School Mohna
- vi. Govt. H.S. Jalhaka
- vii. Modern Public School, Mohna
- viii. Modern Public School, Bagpur
- ix. Bansi Vidya Niketan, S.Sec. School., Bagpur



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**3.5.3 Are the faculty actively engaged in schools and with teachers and other school personnel to design, evaluate and deliver practice teaching ? If yes, give detail?**

Yes, the members of faculty are actively engaged in schools and with teachers and other school personnel to design, evaluate and deliver practice teaching. The principal of the institution appoints teacher educators in different schools during practice teaching session. All the concerned faculty members discuss and plan out whole practice teaching schedule with the head of the school. They actively collaborate with teachers and other school personnel to design the time-table of the student teachers evaluation of student teacher organizing certain activities in the school etc. Moreover, the faculty members interact with school to study their emerging needs and provide appropriate solutions to their problems.

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

The institution has a large number of linkages of research and extension activities. Such linkage helps in training the faculty in the field of Research and Extension Programmes in service of society. Such activities also provide value addition to the academic programmes of the institution. As far as collaboration with schools is concerned, the institution always be in links with the schools. Our students go for teaching practice and keep in

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touch with school. Schools teacher always gives guideline to improve the syllabus etc. and the seminars held in our college and other colleges, conferences and work, shops are the part of linkages with other colleges and the university authorities attend the Seminar and Conference and Workshop. The University authority will also interact with the colleges at the time of external practical work and the institution provide consultancy services to other institution/schools with regard to selection of teacher/staff and organizing special lecture series in collaboration with experts from school and other college or university faculty to improve the quality of research in teacher education.

### **3.6 BEST PRACTICES IN RESEARCH, CONSULTANCY AND EXTENSION**

#### **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?**

##### **For Research Service**

To enhance the quality of Research, Consultancy and Extension activities the institution has adopted following measures:-

- For Research Activities Members of the faculty are encouraged to undertake individual research projects.

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- Institution encouraged the faculty members to increase their qualifications, Staff guides, the pupil teachers to conduct action research in school setting during practice teaching.

**For Consultancy Service**

- Regular Meetings with the Heads/Manager of local schools for improving school education. Conducting guidance and counseling session in local schools. Deputing the faculty to act as resource persons in orientation programmes for teachers and heads of the schools and colleges

**For Extension Activities**

- Extension activities are an integral part of teaching programmes in the institution.
- Members of the faculty are encouraged to participate in extension activities.

**3.6.2 What are significant innovation/good practices in Research Consultancy and Extension activities of the institution?**

**Research**

To promote research in the field of education and to extend this service to stakeholders including research workers, teachers, teacher educators and educational administrators, the process to establish a centre for innovation and Research (CIR).

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**Consultancy**

The institution has established linkage with schools for research, training, campus, placement and consultancy.

**Extension**

Extension programmes like tree plantation, aware the villagers about save the girl child, rallies on educate the girl child. Involvement with NGO's and Go's to help the labour class children, Adult education etc. The various extension programmes are planned and executed by the institution in collaboration with National and local organizations such as Trust and Societies.