

# *The Annual Quality Assurance Report (AQAR) of the IQAC*

*Submitted to*

**NATIONAL ASSESSMENT AND ACCREDITATION  
COUNCIL, UNIVERSITY GRANTS COMMISSION**

*Submitted by*

**FAKIR CHAND COLLEGE  
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*Year of Report: 2010-2011*

### **Part A**

NAAC accredited Our College in the year 2007. In the post-accredited period, the Internal Quality Assessment Cell (IQAC) was constituted to evaluate and enhance the academic quality and to ensure administrative efficiency. During the 3<sup>rd</sup> year (2010-2011) of the post-accredited period, the plan of action chalked out in the beginning of the year towards quality enhancement were as follows:-

1. To improve the quality of teaching, research and examination.
2. To improve the infrastructure, to upgrade technology and to computerize different sections of the college.
3. To modernize library facilities and to spend more money for purchase of new books and journals.
4. To increase financial aid to SC/ST/OBC/Minority/PH and economically deprived students.
5. To encourage students to involve themselves in NSS, NCC and other social activities.
6. To further upgrade the Career Counselling Cell.

1. To improve the quality of teaching, research and examination, vacant full time teaching positions are being filled up by sending requisitions to College Service Commission. The college has also employed full time contractual teachers in FDP vacancies(2) and part time teachers in sufficient numbers as required.

Necessary arrangements are in progress for introducing Computer Science Honours in the coming session for which affiliation have already been obtained from the University.

Negotiations have also been going on for introduction of M.Ed and B.Ed Courses under IGNOU from the coming Session.

Talks are on regarding the introduction of various professional Courses.

Departments of Bengali, Education and Chemistry had submitted proposals to the UGC for sponsored seminars. UGC had sent the following Grants :-

Bengali-Rs. 1,12,500/-

Education- Rs. 1,12,500/-

Chemistry- Rs. 1,12,500/-

Teachers are submitting research projects and getting them successfully sanctioned by UGC. 3 New Projects(minor) have started, 1 has been completed and One Major Project has been going on. Teachers are also involved in guiding M.Phil and Doctoral students in collaboration with faculty from other Research Institutions of West Bengal as well as from other Interstate institutions. (Details -Pg-13 of this report)

The Undergraduate syllabus for all the subjects taught in the college have been modified. As a consequence regular upgradation of knowledge of the faculty members is one of the essential pre-requisites for enhancement of their teaching ability and quality. Faculty members keep themselves engaged in different faculty development programmes. Such programmes include organisation of seminars/symposia in Colleges, participation in Orientation Programmes/ Refresher Courses/ Seminars / Symposia/ Workshops / Conferences.

No of faculty members attending Seminars ( national )	No of faculty members attending Seminars (international)	No of faculty members attending Orientation Programmes	No of faculty members Attending Refresher Courses	No of faculty members attending Workshops	No of teachers who have publications in the current year
28 faculty members attended 42 seminars	7 faculty members attended 6 seminars	2 faculty members attended 2 orientation programmes	4 faculty members attended 4 Refresher programmes	6 faculty members attended 5 workshops	12 faculty members have 52 publications in total

(Details page-11-26)

2. New Generators have been installed, old ones serviced and their batteries replaced in the Under Graduate, P.G. and B.Ed sections. The entire UG section (excluding one or two rooms), the office, library and the various laboratories have been connected.

**Construction of Girl's Hostel is on the way.**

3. A sub-committee, under IQAC, NAAC has been managing matters of development of the Library. More and more text and reference books, journals and periodicals are added each year to the library in addition to offering digital concept of library system to the students, free of cost. At present, Fakir Chand College has a central library, a science and commerce library, a post-graduate library and a B.Ed. library. Besides each department has its own departmental library gathered from teachers' contributions, specimen copies from publishers, contributions from past students etc. All the libraries are equipped in such a way that students and teachers' interest get adequate consideration. Broadband facility is provided to anybody(student /teachers) using the library. **Students are also provided xerox facilities.** In the year 2010-11, 1716 new books and 8 journals purchased for different subjects in the undergraduate section. Rs.800/- has been spent upgrading the

B.Ed library, enriching **it with 5 new books of which 1 is a new title**. In the P.G Section **630 new books have been purchased of which 118 are new titles**.

In addition to this, separate wings have been set up in the library for books and journals related to Remedial Coaching Classes, Entry Service Classes as well as for Career Counselling Cell.

4.(a) Economically backward students get fee waiver, free studentships, and scholarships or can avail themselves of Students' Aid Fund from the College. In this academic year a support of **Rs.16,600/- has been provided by the college from the Aid Fund** as well as **scholarship to the tune of Rs.1,38,300/** have been given by **Minority/Bidi Workers' Organisation and others**.

The college has also received a grant of **Rs 1,80,000/-** as scholarship from UGC for SC/ST/OBC/M students of the college.

Additionally the Teachers Council of the college also raises fund on monthly basis from the teachers of the college to help the truly needy students of the college.

(b) College applied for financial assistance from UGC for providing additional coaching to those students of SC/ST/OBC and minority communities who are backward in the merit-cum- income basis. In response, UGC under the XIth Five year Plan has sanctioned grant to the college during 2010 financial year for providing **Remedial Coaching** to SC/ST/OBC(excluding creamy layer) and minority students. **Objective** is to provide remedial coaching to these students so that they can come up to the level necessary for pursuing higher studies and reduce drop out rates in the university examinations.

Programme of Remedial Coaching operative since MARCH-2010.

Amount allocated	Amount released	Items Purchased
Rs. 11,00,000/-	Rs 6,20,000/-(Includes 100% non-recurring and 20%recurring)	Fax, photocopiers with scanners, printers, computers, books, digital projectors

**Subjects Taught:-** English, Bengali, History, Political Science, Education and Philosophy

**Intake and enrollment of students:-** The programme initially started with 1st year students . English-12, Bengali-11, History-6, Political Science—5, Philosophy-5, Education-10. Total=49

**Organization of Classes: -** Remedial Coaching operates on working days after college hours. Every week, each department takes at least two classes.

Till date in-service teachers have volunteered themselves for teaching. The students are provided with study materials, followed by discussions, class work, tutorials and assignments.

**The program was successfully completed in this academic session and a report was sent to the appropriate authority.**

(c)UGC under the XIth Five year Plan has sanctioned grant to the college during 2010 financial year for arranging Coaching classes for **Entry in Services** for both Teaching and Non-Teaching for SC/ST/OBC (excluding creamy layer) and Minorities. Attendance in these classes held after college hours on Saturdays is completely satisfactory.

Programme of **Entry In Services** Coaching operative since **APRIL-2010**. This programme is in its 2<sup>nd</sup> Year.

Subjects Selected for School Service Commission Coaching:-

➤ Teaching:-

1. Bengali (47 students)

2. Education( 35 Students)
3. History(23 students)

➤ Non Teaching-

Clerkship – 106

Grant received for Entry in Services Coaching are as follows

Amount allocated	Amount released	Items Purchased/ Other Expenses
Rs. 3,00,000/-	Rs 3,00,000/-	Equipments,
Rs. 2,00,000/-	Rs. 2,00,000/-	Books, Journals, Study Materials(Non-Recurring)
Rs. 5,00,000/-	Rs. 1,00,000/-	Recurring-honorarium, remuneration, TA hospitality, payment to LDC and Contingency

**In the 2010-2011 session, Rs. 1,00,000/- has been spent honorarium, remuneration, TA hospitality, payment to LDC and Contingency.**

**5. NSS :-** A Special Camping Programme was held from **22<sup>nd</sup> March, 2011** to **28<sup>th</sup> March, 2011** with an approximate number of **200 NSS volunteers** and **25 special volunteers** in our adopted village **Ramgobindapur** under the Harindanga Gram Panchayat. The Ramgobindapur Free Primary School was selected to host all the activities of welfare undertaken in the village.

**F.C. College is the NSS District VII Headquarters of 24-Parganas(South)**

**F.C.College Unit-I was selected for the following Awards for the year 2009-10.**

**The awards were received in 2011.**

### **1. Best NSS Volunteers(Boys)**

Sri Uddyalak Rakshit(Unit-I)

### **2. Best Special Camping Programme(Unit-I)**

### **3. Best NSS District**

(Reference- University of Calcutta, NSS, List of Awardees for the year 2009-10)

### **Initiative towards Job Placement for Students of F.C.College:-**

The Program Officers(Prof. Moumita SenSharma, Dr. Tapan Mondal, Prof Swapan Ash), on behalf of the NSS Unit of the College, tied up with **Tata Consultancy Services (TCS)** for organizing an Orientation Programme, *aimed at providing job opportunities* for Present 3rd Year and Outgoing Students. The programme took place in **September 2011**. The students then appeared for written examinations and interviews. Fourteen (**14**) students were placed as Computer Assistants, in various companies.

**Next** Such Campus Training and Interview on **MICROFINANCE** is to be held in  
March 2012

**NCC:** - The teacher in charge of the NCC unit of College is Prof. Partha Sarathi Mallik, Department of Education. Student cadet members of the college attended Five (5) Camps during 2010-2011 session. . (Details Pg. 33 of this report)

**6.** The College has a career-counselling and guidance cell, where regular counselling of students is done. This helps them to plan for their future programmes. Classes were held from August 2010. The Conveners of the Career Counseling Cell are Prof. Sutapa Datta(Economics), Prof. Suparna Ghosh(Philosophy) and Prof. Keya Chattopadhyay(Education).The funds received during this financial year are being judiciously utilised.



## **Part-B**

### **1. Activities reflecting the goals and objectives of the institution:**

The chief mission of the college is to impart knowledge to every individual, irrespective of his/her status in any field, religious or economic. It aims to disseminate knowledge to the remotest corner of the district and to the poorest of the poor. A holistic approach constitutes the watchword of the institute's endeavour to make higher education available to diverse sections of Indian society. Students here are motivated not only to strive for intellectual excellence, but to also equip themselves to meet the challenges posed by modern society. They are ably guided towards this goal by the teachers of the college who remain unfailing in their academic commitment and sincerity.

Complex ideas and themes pertaining to the syllabi are communicated to the students through class lectures, special lectures, students' seminars and inter college academic exchanges. These traditional methods are complemented with audio visual teaching aids, field trips and excursions. Organization of debates as well as inter college seminars and competitions seek to build up the self-confidence of the students. Social awareness and social work call for serious involvement on the part of the college. Active participation in the NSS under the stewardship of Calcutta University helps the student to acquire a sense of responsibility and commitment towards society. Keeping in mind the economic vulnerability of a number of students coming to the college, the Institution arranges free studentships, scholarships and financial aids from various organizations and banks.

### **2. New academic programmes initiated (UG and PG):**

College has received affiliation for Computer Science (Honours) course in its Under Graduate Section from University of Calcutta. The Distance Education Programmes under the aegis of Netaji Subhas Open University are running very successfully.

### **3. Innovations in curricular design:**

The college being affiliated to University of Calcutta, has to follow the syllabus framed by the Under-graduate Board of Studies of different subjects of the University. However, in this process of curriculum designing and examination reforms, **some faculty** members

of the College who are members of different **Boards of Studies** express their views and recommendations for designing of the curriculum and for necessary examination reforms. Teachers of the College attended the various **Workshops** where the UG syllabus was discussed and proposals for its modification in view of the impending Semester system received. They are also actively engaged in implementation procedures of the new syllabus introduced from 2010 Session in the college.

In the post graduate section of the college, syllabus of the University of Calcutta is primarily followed with adequate independence of alteration as necessary. Concerned teachers of the department with proper help from erudite scholars in the subject are engaged in shaping the post-graduate syllabus.

#### **4. Inter-disciplinary programmes started:**

Inter-disciplinary approach to teaching has been successfully adapted in College. The Environmental Studies Programme, which is compulsory for all 1st year students(in the last academic session), is managed by teachers of science, arts and commerce streams. Some of the faculty members are actively engaged in guiding fellow teachers of other departments in preparing their dissertation in inter-disciplinary areas.

#### **5. Examination Reform implemented:**

In the present system the affiliating university authorities (the University of Calcutta) decide on the entire examination pattern and all the affiliating Colleges under it follow the same. Based on the University regulations, the College authority designs its own **examination calendar** for better management of academic affairs. The University presently follows a three-stage examination system in the undergraduate degree level with a final examination after each year. Before appearing in the final examination at the end of each year the student has to qualify in one mid-term test examination and one test examination conducted by the college. Besides this, continuous internal evaluation is done through class tests, quizzes, and student seminars.

## **6. Candidates qualified: NET/SLET/GATE etc:**

NET/SLET/GATE qualified only after post graduation. The institution being mainly a degree college covering undergraduate courses has no such scope and mechanism to record these details at present. However, the college has started taking steps to record the data with the help of an alumni website. Students have qualified in School Service Commission Examination of West Bengal from both *Under-Graduate and Post-Graduate Section* of the college

Ex-students are performing well at the post graduate level and a few have competed successfully for places in B Ed courses in various colleges of the state.

### **Initiative towards faculty development Programmes:**

#### **Faculty members who participated in UGC sponsored Orientation Programme:**

- Prof. Swapan Kumar Ash, Assistant Professor, Department of Bengali attended Orientation Course in Bengali, organized by UGC-ASC, University of Calcutta, from January 31-March 01,2011.
- Dr. Amalendu Bhunia, Reader, Department of Commerce, attended a **short** term UGC sponsored course for Professional Development of Senior Teachers, March 28-31,2011, C.U. Department of Commerce

#### **Faculty members who participated in UGC sponsored Refresher Course:**

- Dr. Mausumi Chakrabarti, Assistant Professor, Department of Philosophy attended Refresher Course in Philosophy, organized by UGC-ASC, University of Calcutta, from November 18-December 08,2010.
- Dr. Somen Chanda, Assistant Professor, Department of Physics, attended Refresher Course , organized by UGC-ASC, Jadavpur University from November 22- December-11,2010.
- Prof. Tapan Mondal, Assistant Professor, Department of Bengali attended Refresher Course in Bengali, organized by UGC-ASC, Jadavpur University, from November -December,2010.
- Prof. Putul Chakraborty, Assistant Professor, Department of History attended Refresher Course in History, organized by UGC-ASC, University of Calcutta, from January 28-February 18,2011.

**Faculty Members on FIP Leave for completion of Ph.D Programme:-**

- Prof. Indrani Dasgupta, Department of Commerce, is on leave from 16<sup>th</sup> February, 2010 for a period of 2 years for completion of her Ph.D work.
- Prof. Debashish Mitra, Department of Political Science, is on leave from 21.03.2011, for a period of 2+1 years for completion of his Ph.D work.

**Ph.D. Programme completed by faculty members:**

Kaustav Chakrabarti, Assistant Professor, Department of History, was awarded Ph.D in History from the University of Calcutta in this academic session.

**Faculty Members persuing M.Phil/ Ph.D Programs :**

**M.Phil :-**

1. Librarian Rekha Mandal
2. Rumpa Chakraborty(Part-Time Lecturer), Department of Philosophy

**Ph.D :-**

1. Tapas Das(Assistant Professor), Department of Physics
2. Tapa Chakraborty(Part-Time Lecturer), Department of Philosophy  
(Registration at J.U., August, 2010,  
Tentative Title-‘Patanjali Yogasutra-A Positive  
approach towards World Peace’)
3. Swetadri Samadder(Assistant Professor),Department of Mathematics
4. Debolina Mukherjee(Assistant Professor-FDP  
vacancy), Department of Political Science  
Persuing Ph.D at J.U.  
(Tentative Title-‘Women Issues : The Politics  
of Feminism in India’)

**Faculty members who participated in Training Course or Workshop(Other than UGC)**

- Sutapa Datta(Associate Professor) and Dr. Piyali Sarkar(Reader),Department of Economics, attended a One-Day workshop on teaching of the New Syllabus in Economics at University of Calcutta on 23<sup>rd</sup> Sept.2010, organized by Under Graduate Studies and Under Graduate Board of Studies in Economics.
- Sutapa Datta(Associate Professor),Shikha Datta (Associate Professor) and Dr. Piyali Sarkar(Reader), Department of Economics, attended a Two-Day

workshop on the revision of the existing Syllabi in B.A./B.Sc(Hons & General) Course, Organised by the Department of Economics,C.U. on 21<sup>st</sup> and 22<sup>nd</sup> June,2010.

- Swetadri Samadder(Assistant Professor),Department of Mathematics, attended a workshop on Graph Theory on 23<sup>rd</sup> February,2011 at the University of Calcutta. (sponsored and organized by the University of Calcutta)
  - Dr. Somen Chanda(Assistant Professor), Department of Physics, participated in the workshop entitled “Theme Meeting on Nucleus-Nucleus Collision Around Fermi Energy(NNCAFE 2010)” held at the Variable Energy Cyclotron Centre, Kolkata during 16<sup>th</sup> and 17<sup>th</sup> Dec. 2010.
  - Debolina Mukherjee, Assistant Professor(FDP), Department of Political Science attended a workshop on Career Counselling.
  - Shuvadip Mondal, Part-Time Lecturer, Department o Botany, attended a Workshop on ‘Survey and Documentation of Status, Habitat and Local uses of the Medicinal and Aromatic Plants of Different Districts of West Bengal’ organized By West Bengal State Council of Science & Technology and Sripat Singh College, Murshidabad, at Sripat Singh College, Murshidabad, on 23<sup>rd</sup> and 24<sup>th</sup> March, 2011.
- **Other Faculty Improvement Programmes completed by faculty members:**

Prof. Shuvadip Mondal, Part-time Lecturer, Department of Botany, is working as a Project Assistant in DST sponsored project on “Survey and Documentation of the Status, Habitat and Local Uses of the Medicinal and Aromatic plants of South 24 Parganas, District, West Bengal”,sponsored by West Bengal State Council of Science and Technology. First Year of the Project (2009-2010) Work is satisfactorily accomplished.

Librarian Rekha Mandal is the UPE Project Fellow. Topic:- ‘Information... Of Dhibar Community of Gosaba Block in the District of 24 Parganas in West Bengal’ Guided by Prof Biplab Chakrabarty, Department of Library and Information Science,

➤ **Research Guidance by faculty members:**

- Dr. Amalendu Bhunia, Reader,Department of Commerce :-

1.Ph.D Supervisor -IGNOU, New Delhi:-**1(one) student**

Title of Dissertation Papers:- “Financial Performance of SBI Groups and its Associates”

2.Ph.D Supervisor at ‘West Bengal State University’, Barasat, West Bengal

**Field Study Supervision /Guidance by Faculty Members:-**

Dr. Amal Kr. Ghosh, Assistant Professor,

1. Guidance of a Field Report entitled , ‘An outline of Livelihood Pattern of KanyaKumari People’ on May 20<sup>th</sup> ,2010
2. Guidance of a Field Report entitled, ‘Lodhurva-A Remote village on Desertic landscape’ on June 28<sup>th</sup> ,2010

**Publications of faculty members:**

**Department of Bengali**

- Sukla Basu(Associate Professor)
  - 1.“Streer Patre Bindu r Galpo”, Pg.59, Rabindra Bharati Society Sahitya Patro, Rabindra Sardho SatoBarsho Sradhyargo Sankhya, 1418.
- Dr.Susmita Bandyopadhyay(Assistant Professor-Senior Scale)
  1. ‘Swami Vibekandar Nari Bhabana: Ekush Satake Dnariyae Phire Dekha’, Published in Bhorai(4<sup>th</sup> Year) January 2011, Edited by Shikha Basu and Samir Roy

- Dr. Tapan Monda(Assistant Professor)I :-

**Books:-**

1. UNISH SATAK:- SAMAJIK NATOK  
PROHOSONE NARI
- 2.MADHUSUDONER PROHASON:- KALER DARPON
3. MUKTODHARA: PATHOKER BHABONAY

The above books have ISBN numbers.

**Essays:-**

1. Bonophuler Kobita Charcha-(Bonophuler Grantho: Sattar  
Adhikar. Bongiya KalaKendra, 2011)
2. Anshuman: Rajkanya Santar Premik-(Tapasi Tarangini: Puraner  
Nabobhasa-Bongiya Sahitya Sansad-2011)
- 3.Unisher Samaj Aandaolon, Protibade Bangla Natak: Prosonga Stree  
Siksha(Sanskritik Ekanka Natok Protijogita, August 2011)
4. Satyaboti: Jibon Sangrame Protibadi Narikantha-(AshaPurna Debir  
‘Prathom Pratisruti’- Bongiyoy KalaKendra, 2011)
5. Avijit: ‘Maraneowalar Bhitarkar Pidito Manush’- (MuktoDhara:  
Pathoker Bhabonaye- Bongiyoy Sahitya Sansad,2011)

- Swapan Kumar Ash(Assistant Professor)
  1. A Critical analysis on “Hate-Bazare”, published in a book named “Bonophul: Sattar Abishkar” on July 2010 edited by Monoranjan Sardar and Arun Kr, Sanfui.
  2. An essay on “Bibhuti: Yantra-Sabhyatar Uddhata Prakash”, published in a book named “Muktadhara: Pathaker Bhabnaye” on May 2011. Edited by Dr.Tapan Mondal.
  3. An Essay on “Bibhutibhushaner Chotogalpe Samajbhabana” published in a Literary Magazine named “Pakhir Akash”(edited by Pallab Ray and Basudha Biswas) on October,2011.

### **Department of History**

- Dr. Kausatv Chakrabarti(Assistant Professor-Senior Scale):-
 

**Books-1.** ‘European Jewish Immigrants in India between the two World Wars’

2. MSS of Book on India-Russia Relations Submitted for Publication

**1.Chapter** Entitled ‘India-Israel Relations: The last Sixty Years’ in Paradigms of Security in Asia(Asia Annual 2009, Makalas Manohar Publishers,New Delhi)

**2.Chapter** Entitled ‘India-Israel Relations: A retrospective’ in UGC – sponsored State Level Seminar Proceedings Entitled ;India Re-Visited: Society, Economy, Politics, Colonial and Post-Colonial Perspectives.
- Dr.Aniruddha Das(Assistant Professor-Senior Scale):-
 

Articles:-

  1. “Bengal Renaissance: The Social Milieu in Murshidabad(1804-1947)’, published in “The Quarterly Review of Historical Studies’, Vol.XLVI, Nos. 3&4, P-161-172.
  2. ‘An Antiquarian Annotated; Dr.Ramdas Sen(1845-1887)’ has been accepted for publication by the Asiatic Society, to publish in the ‘Journal of the Asiatic Society’
  3. Literary Development in Renascent Murshidabad(1853-1947) has been accepted by the International Congress of Bengal Studies to publish in the Proceedings of its First Conference held at University of Delhi (25<sup>th</sup>-28<sup>th</sup> February,2010).

### Department of Philosophy

- Dr. Mausumi Chakrabarti,(Assistant Professor)
  1. ‘Subhas Chandra:-Vivekanander Banirup’,- Article published in the Bengali bi-monthly journal Samaajbaadi Bhaabna(Seventeenth Year, Fifth(January 18- March 17, 2011) Issue.
  
- Anamika Halder(Assistant Professor)
  1. ‘Manabetara Pranir Naitik Adhikar’ in the Annual Magazine ANVEEKSHA, Sept. 2010, Philosophy Department, Fakir Chand College, Diamond Harbour.
  
- Rumpa Chakraborty(Part-Time Lecturer)
  1. ‘Darshan O Jibon: Aak Sahaj Saral Drishtibhongi’ in the Annual Magazine ANVEEKSHA, 2010, Philosophy Department, Fakir Chand College, Diamond Harbour.

### Department of Physics

- Dr. Somen Chanda(Assistant Professor)
  1. ‘High Spin Spectroscopy of Odd’-Odd  $^{140}\text{Pr}$ ’, by T.Bhattacharjee, **S.Chanda** et al., published in the Proceedings of the DAE Symposium on Nuclear Physics, Vol.55, pp.70(2010).
  2. ‘Study of Magnetic Rotation in  $^{198}\text{Bi}$ ’, by H.Pai, G. Mukherjee, S.Bhattacharya, C. Bhattacharya, S.Bhattacharya, **S.Chanda** et al. , published in the Proceedings of the DAE Symposium on Nuclear Physics, Vol.55, pp.80(2010).
  
- Tapas Das(Assistant Professor)
  1. ‘Analytically solvable linearly time dependent Jaynes Cummings Model’ submitted for publication in Journal of Physics A.
  2. Paper presented at the seminar is titled, “Analytic Solution of a Linearly Time Dependent Jaynes Cummings Model’ at the The 18<sup>th</sup> West Bengal Science and Technology Congress at Ramkrishna Mission Abashik Mahavidyalaya, Narendrapur, on 28<sup>th</sup> February and 1<sup>st</sup> March,2011.

### Department of Chemistry:-

- **Tapas Kumar Mandal**(Assistant Professor)
  1. ‘Facile condensation of aromatic aldehydes with chroman-4-ones and 1-thiochroman-4-ones catalysed by amberlyst-15 under microwave irradiation condition: **Tapas K.Mandal**, Rammohan Pal, Rina Mondal, Asok K.Mallik, *E-Journal of Chemistry*, **2011**,8(2), 863-869.



2. trans-2-Phenyl-4-thiophenoxy-3,4-dihydro-2H-1-benzothiopyran, **Tapas K.Mandal**, Rammohan Pal, Amarendra Patra and Asok K.Mallik, *Molbank* **2011**,M719;doi:10.3390/M719.
3. NBS Oxidation of E-3- Benzylidenechromanone to 3-( $\alpha$ -Hydroxybenzyl)-chromones and 3-Benzoylchromones, **Tapas K.Mandal**, Rammohan Pal, Rina Mondal, Sankar P.Dey, and Asok K.Malik, *Org.Prep.Proced.Int.*, **2011**,(accepted for publication).
4. Iodine-catalysed addition of indole with  $\alpha$ -cinnamylideneketones: Formation of  $\beta$ -(3-indolyl)- $\alpha$ - $\beta$ -dihydro- $\alpha$ -cinnamylideneketones and bis(3-indolyl) methylbenzene, Rammohan Pal, **Tapas.K.Mandal** and Asok.K.Mallik, *Indian J. Chem.*, **2011**, 50B,619-623.
5. Amberlyst-15 catalysed microwave assisted cross-aldol condensation between ketones and aldehydes under solvent free condition; Rammohan Pal, **Tapas K. Mandal**, Chayan Guha and Asok.K.Mallik, *J.Indian Chem. Soc.*, 2011, 88, 711-717.
6. An efficient synthesis of E-2-amino-4-aryl-8-(arylmethylene)-5,6,7,8-tetrahydrobenzo[d]pyrimidines and their lower analogues, Rammohan Pal, **Tapas K. Mandal**, and Asok.K.Mallik, *J.Indian Chem. Soc.*, 2010, 87, 711-715.

### Department of Geography

- Atanu Mondal, Lecturer(Contractual, Full Time Lecturer) presented a paper entitled ‘The Present Status of Adi Ganga River in Kolkata, West Bengal’ in National Seminar on ‘Global Environmental Change :Geomorphological Issues and Challenges’, organised by Department of Geography, Gauhati University, 20-22 November,2010.

### Department of Commerce

- Dr. Amalendu Bhunia (Reader)

### International and Foreign Journals

1. ‘Importance of Liquidity Management on Profitability’, *Asian Journal of Business Management*(ISSN :2041-8752), U.K., Vol. 3(2), PP. 108-117, Published on May 15,2011

2. 'Financial Performance Analysis-A Case Study', Current Research Journal of Social Sciences(ISSN : 2041-3246) U.K., Vol. 3(3), PP. 269-275, Published on May 25,2011
3. 'A Study of Financial Distress based on MDA', Journal of Management Research(ISSN : 1941-899X) U.S.A., Vol.3, No.2, PP. 1-11, published on June,2011
4. 'A Study of Managing Liquidity', Journal of Management Research(ISSN : 1941-899X) U.S.A., Vol.3, No.2, PP. 69-89, published on June,2011
5. 'Financial Performance Analysis of Indian Pharmaceutical Industry-A Case Study', Asian Journal of Management Research(ISSN: 2229-3795), U.K., Vol.1 No.1, PP. 427-451, published on Feb. 17,2011
6. 'A Study of Liquidity Trends on Private Sector Steel Companies in India' Asian Journal of Management Research(ISSN: 2229-3795), U.K., Vol.1 No.2, PP. 427-451, published on April 25,2011
7. 'A Trend Analysis of Liquidity Management Efficiency in Selected Private Sector Indian Steel Industry', International Journal of Research in Commerce and Management(ISSN :0976-2183), U.S.A. and India, Vol.1, Issue No. 5, pp. 48-53, Sept.2010.
8. 'A Study of WCM and Profitability Affiliation' International Journal of Research in Computer Application and Management(ISSN :2231-1009), U.S.A. and India, Vol.1, Issue No. 2, pp. 78-82, April 2011
9. 'Liquidity Management of Selected Private Sector Steel Companies in India' Journal of Business Administration(ISSN :1941-697X), U.S.A., Vol.9, No. 1, pp. 1-24, Spring 2010.
10. 'Importance of Working Capital Management on Profitability' International Review of Business and Finance(ISSN :0976-5891), U.S.A, Vol.2, No.2, pp.179-188.
11. 'Liquidity Management Efficiency of Indian Steel Companies' Far East Journal of Psychology and Business(ISSN :2221-5440), Hong Kong, Vol3, No.3, pp.3-13, June 2011.
12. ' Financial Performance of Selected Pharmaceutical Industry in India' Global Journal of Finance and Management(ISSN : 0975-6477), U.S.A, Vol.3, pp. 217-222, No.2(2011)

#### **National Journals**

1. 'Financial Performance of Public Sector Drug & Pharmaceutical Enterprises in India', Journal of Commerce and Management Thought(ISSN:0975-623X), Vol.2, Issue 2,pp.195-209,June 2011
2. 'Short Term Liquidity Management-A Study of Indian Steel Companies', Indian Journal of Commerce and Management

Studies(Internationally Indexed Journal, ISSN:2229-5674),India,Vol.II,Issue-4,pp151-166, May 2011.

3. “Financial Performance of Selected Pharmaceutical Firm in India: A Case Study of Risk Evaluation’, Southern Economist(ISSN:0038-4046), Vol.49, pp.38-41, October 10, 2010.

#### **Publication of Research Books**

1. ‘Working Capital Management’,Lulu Enterprises Inc, U.S.A., ISBN:978-0-557-66190-9,September 17,2010.
2. ‘Growth of Female Literacy’, Lulu Enterprises Inc, U.S.A., ISBN:978-0-557-66196-1,October 15,2010.
3. ‘Liquidity management of Public Sector Iron and Steel Enterprises in India’, Lambert Academic Publishing, Germany, ISBN:978-3-8443-3468-5, April 27,2011

#### **B.Ed Section**

##### **Lopamudra Pal (Chakraborty)(Assistant Professor)**

1. Effective Time Management: A new perspective in Teacher Education, Proceedings of the UGC Sponsored National Seminar on Management in Teacher Education: Perspectives and Prospects, 24<sup>th</sup> and 25<sup>th</sup> Sept, 2010, Fakir Chand College, published by B.Ed Section

##### **Soma Siddhanta(Banerjee) (Assistant Professor in History)**

- 1.Motivating B.Ed Trainees-A Challenge before the Teacher Educators , Proceedings of the UGC Sponsored National Seminar on ‘Management in Teacher Education: Perspectives and Prospects’, Fakir Chand College, 24<sup>th</sup> and 25<sup>th</sup> Sept, 2010,published by B.Ed Section
2. National Policy on Women Empowerment, in the “Proceedings of the National Seminar on Women Empowerment”, published by Sammelani Mahavidyalaya.

##### **Dr Mausumi Chatterjee (Reader in Chemistry)**

1. Classroom Management: The First Step of Effective School Management, Proceedings of the UGC Sponsored National Seminar: on ‘Management in Teacher Education: Perspectives and Prospects’, Fakir Chand College, 24<sup>th</sup> and 25<sup>th</sup> Sept, 2010, published by B.Ed Section.

## **8. Total number of seminars/workshops conducted by the college**

**during 2010-2011** - 1.Seminar by Career Counselling Cell on 9<sup>th</sup> April, 2010,  
Speaker:-

Dr. Partha Chattopadhyay(eminant journalist, writer engaged in Motivation Training, former(now retired) Dean and Head of Journalism Department in a reputed university, holder of international fellowships, honoured by Govt. of India by conferring of Senior Fellowship in Literature).

**2.A two-day National Seminar entitled ‘Management in Teacher Education: Perspectives and Prospects’** sponsored by UGC on 24<sup>th</sup> and 25<sup>th</sup> September, 2010.

### **Faculty members who participated in inter college seminars/symposium**

#### **Department of Bengali**

- Dr. Susmita Bandyopadhyay(Assistant Professor) and Swapan Kumar Ash(Assistant Professor) attended the following Seminar
  1. UGC sponsored National Seminar on ‘Tagore Study in New Perspective and Marginal Life, Literature and Culture of Sundarban’ at the Department of Bengali Language & Literature, University of Calcutta’, on 18<sup>th</sup> and 19<sup>th</sup> January, 2011.
- Dr. Tapan Mondal(Assistant Professor) attended the following Seminars:-
  - 1.A National Seminar on ‘Bangla Notoke Pratibader Starantor’, December, 2010 at PanchMura Mahavidyalaya.
  - 2.A National Seminar on the Commemoration of the 150<sup>th</sup> Birthday of Rabindranath Tagore and Acharya Prafulla Chandra Ray-at PanchMura Mahavidyalaya.
- Dr. Tapan Mondal(Assistant Professor) and Swapan Kumar Ash(Assistant Professor) attended the following Seminar
  1. A UGC sponsored National Seminar on ‘ Sampratikatkar Alope Rabindranath’/Rabindranath: In the Light of the Present’ at K.K.Das College, Garia, Kolkata, on March 10 &11, 2011.
- Swapan Kumar Ash(Assistant Professor) attended the following Seminar;-

A seminar organised by NCB and NSS(C.U.) on “Thinking Health-Not Drugs”, held on 26.6.2011.

### **Department of English**

- Gopa Sur(Associate Professor) attended the following seminar:-
  1. A UGC sponsored National Seminar on ‘ Sampratikatkar Alope Rabindranath’/Rabindranath: In the Light of the Present’ at K.K.Das College, Garia, Kolkata, on March 11, 2011.

### **Department of History**

- Biswaroop Ghosh(Assistant Professor-Senior Scale) attended the following seminars-
  1. **International Conference** organised by Sikkim University,Gangtok & IAAPS from 10<sup>th</sup>-12<sup>th</sup> December,2010 & also presented a paper on Kashmir Problem.
  2. National Seminar on ‘Partition of the Punjab and Bengal’ on 19<sup>th</sup> February, 2011, organised by History Department,C.U.
  3. UGC sponsored National Seminar on ‘Invoking Ambedkar’ organised by Calcutta University and Institute of Dev. Studies, Kolkata on 12<sup>th</sup> March,2011.
  4. ♦National Seminar organised by C.R.I, Kolkata and also **presented a paper** entitled Sports, Religion & Politics in Bengal 1935-1937.
- Biswaroop Ghosh and Aniruddha Das attended Junior Research Scholars’ Seminar organised by Corpus Research Institute on 9<sup>th</sup> July,2011, held at Amita Banerjee Memorial Hall, Jadavpur University,Jadavpur.(ICHR & W.B.Govt. sponsored). Aniruddha Das **Chaired a Session.**
- Dr. Kaustav Chakrabarti(Assistant Professor-Senior Scale) attended the following seminars-
  1. **International Seminar** on ‘Eurasia Twenty Years After : 1991 in Retrospect(February 15-17,2011).
- Putul Chakroborty(Assistant Professor) attended the following Seminars:-
  1. **International Seminar** on ‘Many Rabindranaths:Across Space and Time’, organized by Department of History, Jadavpur University on 28<sup>th</sup>-30<sup>th</sup> March,2011, held at K.P.Basu Memorial Hall, Jadavpur University Campus, Jadavpur.
- Dr. Aniruddha Das(Assistant Professor) attended the following seminars and **presented papers in both the seminars:-**
  1. Paper on ‘Bismritoprai Prani Vijyani Ram Brahmo Sanyal(1850-1908) at the Annual Conference of Paschimbanga Itihas Samsad, held at University of Calcutta, Alipore Campus, from 24<sup>th</sup>-26<sup>th</sup> January,2011.

2. Paper on 'An Economic History of Renascent Murshidabad(1853-1953) at 71<sup>st</sup> Session of the Indian History Congress, held at University of Gour Banga, Malda, from 11<sup>th</sup>-13<sup>th</sup> February,2011.

#### **Department of Political Science :-**

- Debashish Mitra(Assistant Professor), attended **International Seminar**, Chennai, 01.07.2010, Globalisation and its Dynamics in the Modern Era, European Union and UGC.
- Debolina Mukherjee, Assistant Professor(FDP), attended the following Seminars:-
  - 1 . 12<sup>th</sup> Annual Conference of West Bengal Political Science Association, at SurendraNath College on 13.06.2010
  2. 13<sup>th</sup> Annual Conference of West Bengal Political Science Association, at Dinabandhu Andrews College , 18-19<sup>th</sup>, June, 2011.
  3. Seminar on 'Look East Policy' at Jadavpur University

#### **Department of Philosophy**

- Dr. Mausumi Chakrabarti(Assistant Professor) attended the following seminars:
  1. National Seminar on 'Morality and Religion' organised by the Department of Philosophy, University of Calcutta on February, 4,2011.
- Anamika Halder(Assistant Professor) and
- Sarmistha Ghosh(Part-Time Lecturer) attended the following seminar:-
  1. 'Philosophical Dimensions in Tagore's Thought' organised by the Department of Philosophy, Jadavpur University, on 24<sup>th</sup> February,2011.
- Dr. Mausumi Chakrabarti(Assistant Professor)
- Anamika Halder(Assistant Professor),
- Rumpa Chakraborty(Part-Time Lecturer), and
- Sarmistha Ghosh(Part-Time Lecturer) attended the following seminar:-
  1. National Seminar on 'Cultural Identity and Nationalism: From Sri Aurobindo's Perspective' organised by the Centre for Sri Aurobindo Studies, Department of Philosophy, Jadavpur University on March 21 and 22,2011
- Tapa Chakrabarty(Part-Time Lecturer) attended 4 seminars on Vaiseska Ontology, Nyay Methodology, Manuscriptology and Aurobindo's thought on time.

### Department of Physics

- Dr. Somen Chanda(Assistant Professor) attended the following seminar:-
  1. National Science Day celebration programme held on 08.03.2011 at Variable Energy Cyclotron Centre along with **First Year Students**.
- Tapas Das(Assistant Professor) attended the following seminar:-
  2. State Level Seminar - The 18<sup>th</sup> West Bengal Science and Technology Congress at Ramkrishna Mission Abasik Mahavidyalaya, Narendrapur, on 28<sup>th</sup> February and 1<sup>st</sup> March,2011. Paper presented at the seminar is titled, “Analytic Solution of a Linearly Time Dependent Jaynes Cummings Model’

### Department of Chemistry

- Dr. Prajnamoy Pal(Reader),
- Dr. Rana Karmakar(Assistant Professor) and
- Tapas K.Mandal(Assistant Professor) attended the following seminar:-

National Symposium on “ Organic Chemistry-IV( NSOC-IV), Modern Trends and Perspectives”, February 2-3, 2011 at Department of Chemistry, Jadavpur University, Kolkata-700 032.
- Dr. Prajnamoy Pal(Reader) and
- Dr. Rana Karmakar(Assistant Professor) attended the following seminars:-
  1. **International Symposium** on “Facets of Weak Interactions in Chemistry”, January 13-15, 2011, organised by Department of Chemistry, University Of Calcutta.
  2. “Acharya Prafulla Chandra Ray Memorial Symposium on Chemistry Today(2010)”, August 02-04, 2010 at the Indian Chemical Society, 92, A.P.C.Road, Kolkata-700 009.
- Dr. Rana Karmakar(Assistant Professor) attended the following seminar:-
  1. National Symposium on “Trends in Nano Science and related areas”, December 9-10, 2010 at Department of Chemistry, Behala College, Kolkata-60.
- Tapas Kumar Mandal(Assistant Professor) attended the following seminar:-
  1. Chemistry in the 21<sup>st</sup> Century for the Benevolence of the Society- July 27,28, 2011, Vidyasagar College, Kolkata.

### **Department of Mathematics**

- Swetadri Samadder (Assistant Professor) attended the following Seminar:-
  1. National Seminar on Frontiers of Mathematics and Mathematical Sciences on 6<sup>th</sup> and 7<sup>th</sup> Sept, 2010 at Calcutta Mathematical Society.

### **Department of Geography**

- Dr. Amal Kumar Ghosh (Assistant Professor) attended the following seminars :
  1. UGC Sponsored State Level Seminar on Global Warming : Climate Change and Sustainable development by Sundarban Mahavidyalaya in collaboration with The Zoological survey of India, Govt. Of India at Sundarban Mahavidyalaya, Kakdwip, 24 Parganas (South) on 21st January, 2011.
  2. UGC Sponsored National Level Seminar on Pollution : Disbalancing The Global Environment : Threats and Prevention, organised by Faculty of Science, Bolpur College in collaboration with NIT, Durgapur and Departments of Biotechnology and Environmental Science, Burdwan University.
- Atanu Mondal, Lecturer (Contractual, Full Time) attended the following seminars:-
  1. National Seminar on 'Perspectives of Himalayan Environment' ,organised by Himalaya Samiksha Parisad, Calcutta University, 30th October, 2011.
  2. National Seminar on 'Global Environmental Change : Geomorphological Issues and Challenges', organised by Department of Geography, Gauhati University, 20-22 November, 2010.
  3. National Seminar on 'Contemporary Environmental Problems : Application of Modern Geographical Techniques in....' Organised by Department of Geography, Jogesh Chandra Choudhuri College, Kolkata, University of Calcutta, &- December, 2010.
  4. National Seminar on 'Applied Geography : Issues and Techniques' organised by Department of Geography, C.U., 14-15, January-2011,
  5. National Seminar on 'Natural Resource Management' organised by Department of Geography, C.U., March 10-11, 2011.



### **Department of Zoology**

- Dr. Sanjukta Chaudhuri (Assistant Professor) attended the following Seminars:-
  1. “Ground Water Pollution and Sewage Management”, Organised by Department of Chemistry, Netaji Nagar College for Women, Kolkata on 7<sup>th</sup>-8<sup>th</sup>, December, 2010.
  2. “Rabindranath O’ Bigyan’, Department of Bengali and Zoology, Netaji Nagar College for Women, Kolkata, on 14<sup>th</sup>- 15<sup>th</sup>, December 2010.

### **Department of Botany**

- Shuvadip Mondal attended a seminar entitled ‘Global Climate Changes-Facts and Fiction’, Organised by Department of Science and Technology, Govt. of West Bengal and Sripat Singh College, Murshidabad, at Sripat Singh College, Murshidabad, on 23-24 March, 2011

### **Department of Economics**

- Sutapa Datta (Associate Professor) and
- Dr. Piyali Sarkar (Reader), Department of Economics, attended a UGC sponsored Seminar on ‘Economic Growth, Sectoral Imbalance and Inflation: The Contemporary Indian Perspective’, organised by Department of Economics and Commerce, K.K. Das College in collaboration with Centre for Studies in Social Sciences, Kolkata on 4<sup>th</sup> February, 2011.
- Dr. Piyali Sarkar (Reader), Department of Economics, attended a seminar on New Syllabus in Economics at C.U. on 23<sup>rd</sup> Sept. 2010, organised by Councils for UG studies and UG Board of Studies in Economics.

### **Department of Commerce:-**

- Dr. Amalendu Bhunia, attended the following seminars:
  1. Tenth **International** Accounting Conference, January 8 & 9, 2011 IAARF at Taj Bengal, Kolkata.
  2. Seminar on ‘Direct Tax Code’ by Department of Commerce and Commerce Alumni Association, University of Calcutta, on.....

### **B.Ed Section:**

- Lopamudra Pal Chakraborty,
- Dr Mausumi Chatterjee &
- Soma Siddhanta (Banerjee) attended
  1. UGC-sponsored National Seminar on Human Rights and Education, R.K. Mission Sikshan Mandira, Belur Math, Howrah on 14<sup>th</sup>-15<sup>th</sup> September, 2010.

- Dr Bidyut Kumar Bhui and
  - Dr Mausumi Chatterjee attended
    1. National level seminar on ‘Science and Technology in Teachers Training Programme’ at J.C.Bose Sikshak – Sikshan Mahavidyalaya on 28<sup>th</sup> Feb and 1<sup>st</sup> March, 2011.
  - Dr Mausumi Chatterjee attended a National Level seminar in Chemistry at Jadavpur University on 19<sup>th</sup> November, 2010
- 
- Soma Siddhanta (Banerjee)
  - KrishnaGopal Karmakar and Susmita Mukherjee attended
    1. UGC sponsored National level seminar on ‘Professionalism in Teacher Education at St. Xaviers’ College, Kolkata on 21-22 February, 2011.
  - Soma Siddhanta(Banerjee) attended
    1. UGC sponsored National Seminar on ‘Women Empowerment’ at Sammilani Mahavidyalaya, Kolkata on 24<sup>th</sup> -25<sup>th</sup> February, 2011.

## **10. Research Projects.**

### **New:-**

- **Minor** Research Project in Humanities and Social Sciences Funded by University Grants Commission Sanction Ref.No:-PHW-033/10-11 dated- 01/Dec. 2010  
Titled:-‘Empowerment of Women Through Socio-Cultural Organisation’  
Principal Investigator :- **Dr. Susmita Bandyopadhyay**, Department of Bengali.
- **Minor** Research Project Funded by University Grants Commission Sanction letter No.:-PSW-046/10-11 dated 20<sup>th</sup> October, 2010  
Title of research project: ‘Studies on the Effects of Leishmanial Lipid On Bacterial Toxin-treated Macrophages’  
Sanctioned Amount:-Rs. Rs. 1,78,000.00  
Principal Investigator :- **Dr. Prajnamoy Pal**, Department of Chemistry
- **Minor** Research Project Funded by University Grants Commission  
Sanction Ref.No:-F PSW-047/10-11, dated 20.10.10. S.No-200941 Titled:-

“Measurement of lifetimes in  $^{139}\text{Pr}$ ”

Sanctioned Amount:-Rs. 1,32,000/-

Principal Investigator :-**Dr. Somen Chanda**, Department of Physics

**Continuing**:- A **Major** Research Project Funded by Department of Science and Technology, Govt. of West Bengal,

Principal Investigator: **Dr. Subires Bhattacharyya, (Principal, Fakir Chand College),**

**Project Assistant:** Shuvadip Mondal(Department Of Botany, Fakir Chand College)

Project No:-373/WBSCST/D/0144/06.

The project is of Rs.5,30,600/-

**Topic**:- ‘Survey and Documentation of Status, Habitat and Local Uses of Medicinal and Aromatic Plants of South 24 Parganas’

**First** Phase of the project has been completed.

**Completed** :-

**Minor** Research Project Funded by University Grants Commission  
**Project No- PHW-055/09-10**, under UGC,

Titled ‘Financial Performance Analysis of Public Sector Drug and Pharmaceutical Enterprises in India’ sanctioned on 7<sup>th</sup> September, 09, for Rs.1,33,000/-.

Principal Investigator :-Dr. Amalendu Bhunia, Department of Commerce.

**Report submitted on 14.01.2011.**

**10. Patents generated, if any.** \_\_\_\_\_ None in this academic year.

**11. New collaborative research programmes.**

## 1. **Dr. Prajnamoy Pal, Department of Chemistry**

- Submitted two major research project proposals to DBT and DST as Co-Investigator in collaboration with Dr. Krishna Das Saha, Infectious Disease and Immunity Division, IICB, Kolkata as Principal Investigator

## 2. **Dr. Somen Chanda, Department of Physics**

- Research Collaboration with the Experimental Nuclear Physics section of the Variable Energy Cyclotron Centre, Salt Lake, Kolkata.
- Research Collaboration with INGA Project implemented at IUAC, New Delhi, TIFR, Mumbai, VECC, Kolkata, SINP Kolkata

## 12. **Research grants received from various agencies.**

- **A Major Research Project Funded by Department of Science and Technology, Govt. of West Bengal,**

Principal Investigator: **Dr. Subires Bhattacharyya,**

**(Principal, Fakir Chand College), Department of Botany**

Project No:-373/WBSCST/D/0144/06.

The project is of Rs.5,30,600/-

**Topic:-**‘Survey and Documentation of Status, Habitat and Local Uses of Medicinal and Aromatic Plants of South 24 Parganas’

**First** Phase of the project has been completed.

- **Minor** Research Project in Humanities and Social Sciences Funded by University Grants Commission

Sanction Ref.No:-PHW-033/10-11 dated-01/2010

Titled:-‘Empowerment of Women Through Socio-Cultural Organisation’

Principal Investigator :- **Dr. Susmita Bandyopadhyay.** Department of Bengali.

- **Minor Research Project Funded by University Grants Commission**

Sanction letter No.: -PSW-046/10-11 dated 20th October, 2010

Title of research project: 'Studies on the Effects of Leishmanial Lipid  
On Bacterial Toxin-treated Macrophages'

Sanctioned Amount:-Rs. 1,78,000.00

Principal Investigator :- Dr. Prajnamoy Pal, Department of Chemistry

• **Minor Research Project Funded by University Grants Commission**

Sanction Ref.No:- PSW-047/10-11, dated 20.10.10. S.No-200941

Titled:- "Measurement of lifetimes in  $^{139}\text{Pr}$  "

Sanctioned Amount:-Rs. 1,32,000/-

Principal Investigator :-Dr. Somen Chanda, Department of Physics

**13. Details of research scholars:**

**14. Citation index of faculty members and impact factor:-Not Available**

**15. Honors/Awards to the faculty:- (Refer, Page-12)**

**16. Internal resources generated:-**

- The institution is rurally based encompassing an area of 11.82 acres. Within the campus there are ponds which are used to generate resources through **Pisciculture**.
- Inside the campus there is a **Post Office** which is rented by the Postal Department of Government of India.
- The college premise is also rented out during holidays for various academic purposes.

**17. Details of departments getting SAP, COSIST(ASSIST)/DST, FIST, etc. assistance/recognition:**

None.

**18. Community Services:**

NSS

Number of NSS Units in the College: 4

**NSS Enrollment**

- a. Allotted Strength for NSS by the University: **400**
- b. Number of Students enrolled: **398**

The Special Camping Programme was held from **22<sup>nd</sup> March, 2011** to **28<sup>th</sup> March, 2011** with an approximate number of **200 NSS volunteers** and **25 special volunteers** in our adopted village **Ramgobindapur** under the Harindanga Gram Panchayat. The Ramgobindapur Free Primary School was selected to host all the activities of welfare undertaken in the village.

**Day 1 - 22.03.11**

**Pre-Lunch Session:** The seven days Special Camping Programme was inaugurated on 22.03.11 at 11.30 a.m. The Sub-divisional Officer, Diamond Harbour, Dr. Siddhartha Shankar Chakraborty was invited as the Chief Guest for the inauguration programme. Dr. Anwar Hossain, Sub-divisional Medical Officer, Diamond Harbour and Dr. Himadri Pal, ACMOH, Diamond Harbour were both present in the ceremony as Special guest and Guest-of -honour respectively. They enlightened the programme by sharing their invaluable thoughts on the ways of helping the poor and the needy people selflessly. The inauguration ceremony was also graced by the presence of our College Governing body members Sri Gopal Bandyopadhyay and Sri Harirakhal Biswas. Our College Principal Dr. Subires Bhattacharyya inspired the volunteers with his invaluable views and inputs. The ceremony was also graced by the presence of the esteemed teaching and non-teaching colleagues of our institution whose presence was an encouragement to the student volunteers. The Students representatives were also present during the ceremony.

**Post-Lunch Session:** Dr. Pranabes Khan, Ex-Professor, Department Of Political Science, Magrahat College delivered a Seminar lecture on the topic “*Sanskriti O Bishayan*”. The seminar was attended by all the NSS volunteers and some of our teacher colleagues.

#### **Day 2- 23.03.11**

**Pre-Lunch session:** An overall survey was conducted at the adopted village.

**Post-Lunch Session:** Prof. Lopamudra Pal (Chakraborty), the then Professor-in charge, B.Ed section, Fakir Chand College delivered a Seminar lecture on the topic “*Vidyasagarer samaj Seva*” and thus also teaching the volunteers to follow the footsteps of Vidyasagar in this regard. The seminar was followed by a Campus Cleaning Activity by the volunteers.

#### **Day 3- 24.03.11**

**Pre-Lunch Session:** The day 3 activities started at 10.00 a.m. with a Cleaning drive in and around the surroundings of the Ramgobindapur Free Primary School. An Eye-Check-up Camp for the school children by the Eye Specialist, Diamond Harbour Hospital was organized from 12.30 p.m. The programme was immensely successful as the School children were highly benefitted by this check-up camp.

**Post-Lunch Session:** Dr. Sanjukta Choudhury, Assistant Professor, Dept. Of Zoology, Fakir Chand College delivered a Seminar lecture on the topic “*Health and Nutrition*”. The information gathered by the volunteers during this session was highly useful for the student volunteers for themselves and also to teach their friends and near and dear ones on how to get proper nutrition with foods that are easily available and also not costly. The area of mental health was also covered during this session.

#### **Day 4- 25.03.11**

**Pre-Lunch Session:** A Sit and Draw Competition was organized for the school children from 10.00 a.m. The children were supplied with drawing kits. This was fun time for the children as they painted their thoughts on their canvas. All of us present were overwhelmed by their enthusiasm and it was a moment of great pride for us as we could bring smiles on the faces of the little ones.

Sample for Arsenic testing was collected from the hand-pump of the school and sent for testing at the School for Environmental Studies, Jadavpur University.

**Post-Lunch Session:** Prof. Keya Chattopadhyay, Lecturer(SG), Dept. of Education, Fakir Chand College delivered a Seminar lecture on the topic “*Personality and Student Stress: Ways to Coping with it*” from 2.30 p.m. This session was highly interactive session as the student discussed their problems and also shared their views on this topic.

#### **Day 5- 26.03.11**

**Pre-Lunch Session:** An awareness drive “Paribes Bachao” was undertaken from 10.00 a.m. Also, a local market survey was done on whether the local shops are using plastic bags for supplying the goods and also are they aware of the harmful effects of the same on the environment.

**Post-Lunch session:** Dr. Subires Bhattacharyya, Principal, Fakir Chand College delivered a seminar lecture on the topic “*Sundarban: ArthaSamajik Unnayan O Paribes*” from 2.30 p.m. The seminar gave an insight on the Socio-economic status of the Sundarban emphasizing on the need of much more development in the Sundarbans.

#### **Day 6- 27.03.11**

**Pre-Lunch Session:** An initiative on the “Preservation and Upkeep of trees” in the College premises was undertaken. A seminar lecture was organized for the adult women in and around the locality on the Evils of early marriage. The lecture was delivered by Dr. Prasanta Choudhury, Gynecologist, Diamond Harbour Hospital.

**Post-Lunch Session:** The pond in the college premises was cleaned by the volunteers in this session.

#### **Day 7- 28.03.11**

**Pre-Lunch Session:** Closing Ceremony of the special Camping Programme started at 11.00 a.m. Dr. Bipataran Nayak, Ex-Professor, Dept. of Botany, Fakir Chand College were the Chief Guest on this occasion. The Principal, Vice-Principal, Bursar, teaching and non-teaching colleagues of our college were all present on this occasion along with the Students’ representative and all the 200 NSS volunteers. The teachers of the Ramgobindapur Free Primary School were also present during the closing ceremony.



**Post-Lunch Session:** A beautiful cultural programme was organized by the student volunteers on the final part of the closing ceremony.

**NCC:-** The teacher in charge of NCC is Prof. Partha Sarathi Mallik, Department of Education. Five (5) Camps were attended by student cadet members of the NCC of the college during the academic year.

They are:-

<b>Camp</b>	<b>Duration</b>	<b>No of students</b>
CATC	Sept 6th to Sept 15 2011	20
PRE-RDC	25 th Oct to 3rd Nov 2010	15
ATC	Dec 12th to Dec 20 - 2010	15
CATC	2nd Feb to 11th Feb 2011	55
CATC	May 24th to June 2nd 2011	09

Result-----passed B Certificate examination 72 out of 73. &others; C

**19. Teachers and officers newly recruited(2010-2011):**

**(Under Graduate Section)**

Teachers/Officers	Department	Number
Assistant Professor	Political Science (FDP Vacancy)	One
Guest Lecturers	Political Science	Two
Assistant Professor	Commerce (FDP Vacancy)	One

20. Teaching:Non teaching staff ratio(2010-2011):

Under Graduate Section	Teaching Staff	Non-Teaching Staff	Ratio
	Full Time-46 Part Time- 14 Contractual- 5 FDP-2 Guest-2 Total=69	27	57:27 $\cong$ 2:1 (approx) (3 part time=1 full time)
B.Ed Section	Full Time-6 Contractual- 1 Part-Time-2 Guest-2 Total=11	6	8:6 $\cong$ 4:3(approx)
Post-Graduate Section	Contractual-4 Full time-1 Hon. Lect-11 Guest-7 Total-23	5	1:1

21. Improvements in the library services:

The success of a college get reflected by the state of its library. Computers, Internet, reprographic facilities are available in the library. Students can access Internet facilities with the help and in the presence of their teachers as per their requirement. The Library has been fully computerized. **Broad- band facility has been provided to help the students have access to the latest advancement in their respective subjects and to help teachers with their research work.** The library hour has been increased so that the students may have access to the library for a larger part of time in the college. In the current session, expansion of reading and lending facilities has been undertaken. **New Librarian** recommended by College Service Commission has joined last session. **Two assistant Librarians** have been recruited by the college to assist the Librarian. The Librarian Rekha Mandal, attends various National, International Seminars and

workshops of Narendrapur Ramkrishna Mission. She tries to put into use the knowledge garnered from those.

**22. New books/journals subscribed and their cost:**

<b>UnderGraduate Section</b>	<b>No. of Books</b>	<b>No. of New Journals</b>	<b>No. of New Titles</b>
	<b>1716</b>	<b>8</b>	<b>-</b>
<b>B.Ed Section</b>	<b>5</b>	<b>1</b>	
<b>Post-Graduate Section</b>	<b>630</b>	<b>-</b>	<b>118</b>

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:**

Evaluation of the teachers by the students is obviously a delicate reality now. The administrative process that is operative in the college is to provide the outgoing third-year students with a questionnaire strictly laid down by the NAAC authority, which they are to answer on the basis of their impressions regarding the teaching abilities of their teachers. These questionnaires are then meticulously scanned and the end product is passed on to the people at the helm of affairs in the institution. The entire feedback is then perfectly analyzed by a method scientifically improvised by our teachers and finally the output is transmitted to the different disciplines of the college.

**24. Unit cost of education: (2010-2011)**

Unit cost = total annual expenditure budget (actual) divided by number of students enrolled

<b>Unit Cost including salary</b>	<b>Unit cost excluding salary</b>
<b>Rs 15255.20</b>	<b>Rs 2810.75</b>

**25. Computerization of administration and the process of admissions and examination results, issue of certificates:**

The admission process of the college is centrally co-ordinated through computers. Publishing the merit list of eligible students for admission, Process of receiving admission fees and keeping the relevant financial details, keeping proper record of profile of students getting admitted in the college are all being done with the help of computers. So far as the examination results and issue of certificates are concerned, the affiliating university (Calcutta University) is the issuing authority. The college which is the disbursing authority of these documents, maintains full computerized record of these documents.

**26. Increase in the infrastructural facilities:**

- ◆ Proposal to UGC under XIth Plan Period for construction of a separate science block accepted. Construction to begin as soon as the 1<sup>st</sup> installment of grant is received.
- ◆ Preliminary work for Construction of Girl's Hostel is under way.

**27. Technology upgradation:**

Steps are being taken to provide internet access in each Classrooms, so that instant references and illustrations, new developments in the subject can be provided to the students during lectures.

**28. Computer and internet access and training to teachers and students:**

The College has more than fifty five computers and its own internet facility, which is freely accessed by the faculty members for their academic and teaching purpose. **Twelve(12)** new computers have been added in this session. UGC Grant under the Head **NRC** has been received for extensive Networking of the College. Rs. **97,200/-** has been utilized for providing **ten(10)** different broadband facilities in various departments including Library and Office.

Faculty members use computers for power point presentation of their teaching matter using LCD projector. Further, computer print outs of Microsoft Word Document on transparent paper are displayed using Overhead Projector which supplements classroom

teaching. The students are also allowed to use Internet facility under the able guidance of their teachers. The total facility is accessible free of cost.

Free training programmes are regularly held in the computer section on data entry and data processing. These training programmes are available to teaching members, non-teaching staff as well as the students.

### **29. Financial aid to students:**

Economically backward students get fee waiver, free studentships, and scholarships or can avail themselves of Students' Aid Fund from the College. In this academic year a support of **Rs. 16,600/-** has been given by the college from the Aid Fund while scholarship to the tune of **Rs. 1,38,300/** has been given by **Minority/Bidi Workers' Organisation and others**. The college has also received a grant of **Rs 1,80,000/-** as scholarship from **UGC for SC/ST/OBC/M** for students in this academic year.

### **30. Support from the Alumni Association and its activities:**

The Alumni Association of the College has been formed in 2007. As such, its contribution towards the development of the Institution is yet to be comprehensively reflected through its activities but the members have adopted some definite programmes for such development process.

- There is a plan to open a website for the college Alumni. This would help in contacting former students.
- Ex-students of college who are members of Bar Association (Lower Court, Higher Court) give legal advice to the college.
- Copies of books written by ex-students are donated to the college library.
- The ex-students of college provide confidence in organizing different extra-curricular activities of the college. They help in conducting sports/cultural

activities/ literacy drive and other such programmes. With their co-operation the programmes of the college turn out to be not only colourful, but effective as well.

- Their active participation in providing health services are of extreme help to the college. They not only help in organizing health camps or blood donation camps but also donate blood at such camps for the college.

### **31.Support from the Parent-Teacher Association and its activities:**

There is regular interaction between parents and teachers of the college which lead to a healthy and congenial academic ethos of the college. Interaction with the parents also helps in identifying the economically backward students who need aid in continuing their studies. Members of the authority thereby feel that poor students of the college are by no means deprived. Also, since most of the parents are ex-students of this college, they never hesitate to put extra effort in making the environment of the college congenial.

### **32. Health services:**

The college organizes various health related programmes every year for the students and also for the surrounding locality. Some of the programmes include:

- i) Blood donation camp
- ii) Mother-child awareness camp
- iii) Polio programme
- iv) General Health awareness programme
- v) Free health check-up along with distribution of free medicines by the local eminent doctors.

### **33. Performance in sports activities:**

Our students regularly participate in several sporting events like Judo, Chess, Swimming, Table Tennis, Badminton, Kabadi, football and cricket both at the district as well University level and prove their abilities.

### **34. Incentives to outstanding sportspersons:**

- a. As a part of the incentive to students who excel in sports, the college appoints experts for the consistent success of these students in various districts and state level meets.
- b. The multi-gym facility is made available to the students throughout the year, free of cost.
- c. Free sports kits and dresses are supplied to the students.
- d. The college also arranges healthy and balanced food to the participating students during their training period.

### **35. Students achievements and awards:**

- **Academic achievement of the students**  
Increase in pass percentage in the final examinations of Calcutta University as well as in the number of students getting First classes in different subjects.
- **Participated in** the state level Youth Parliamentary Competition 2011, held in January, organized by the Department of Parliamentary Affairs, Govt. of West Bengal..
- **Achievement in sports- Nil**
- **Achievement in cultural programmes**  
With a view to promoting creativity among students and honing their literary and cultural skills, the college has established **Literary and Cultural Club**. Student Committee manages these clubs, which conduct a number of competitions and events within the campus. Students who are members of these clubs participate in various competitions at the local, state and national level.

### **36. Activities of the Guidance and Counselling Cell:**

The College has a career-counseling and guidance cell, where regular counseling of students is done. This helps them to plan for their future programmes. The Convenors of the Career Counseling Cell are Prof. Sutapa Datta(Economics), Prof. Suparna Ghosh(Philosophy) and Prof. Keya Chattopadhyay(Education). They engage themselves in academic and personal counselling as per the requirements of the students (both male and female). Their guidance gets a special thrust for self-employment especially considering the socio-economic and academic background of the students. Funds allocated for the cell in the XIth plan are as follows:-

	Amount allocated for the Cell during XIth Plan Period	Amount received
For computers with internet, LASER printer, photocopier and Fax	Rs. 2,00,000/	Rs. 2,00,000/
For hiring charges, TA/DA to Counsellor, Resource persons, payment of honorarium, reading material and contingency,	Rs 3,00,000/	Rs 60,000/-

The funds received are being judiciously utilised.

### **37. Placement services provided to students:**

NSS Unit Organised a tie up with TATA Consultancy SERVICES(TCS). They held an orientation programme for present 3rd Year and outgoing students. The programme took place in **September 2011**. The students then appeared for written examinations and interviews. **Fourteen (14)** students were placed as Computer Assistants, in various companies in West Bengal and outside the state.

**Next** Such Campus Training and Interview on **MICROFINANCE** is going to be held in March 2012



**38. Development programmes for non-teaching staff:**

Non teaching staff members are encouraged to participate in computer related training programmes to acquire skills in software and hardware.

**39. Best practices of the institution:**

- (i) Faculty members and scholars have free access to internet.
- (ii) The campus of the College has been declared as smoking free and plastic free zone.

**40. Linkages developed with National/International, Research Bodies:**

Individual teachers of the college are seriously engaged in research and some of them are associated with various national and international institutions like Indian Accounting Association, Indian Accounting Association and Research Foundation, Commerce Alumni Association, Indian Association For the Cultivation of Science, Jadavpur, West Bengal, Political Science Association, Indian Chemical Society, etc.

**Prof. Biswaroop Ghosh of History Department** is associated with the following :-

- 1) Executive Committee Member, Indian Association for Asia & Pacific Studies(Kolkata)
- 2) E.C. Member of Paschim Banga Itihas Samsad(Kolkata)
- 3) E.C. Member, Gram-Janapad, a local –history Compilation Organization(NGO), (Kolkata)
- 4) Life Member, Indian History Congress(Delhi)
- 5) Life Member, Institute of Historical Studies(Kolkata)

6) Life Member, Bangiya Sahitya Parishad(Kolkata)

**Dr.Mausumi Chakrabarti, Philosophy Department**, is the Associate Editor of 'Samaajbaadi Bhaaabna'-a Bengali bi-monthly journal sponsored by the Association for Democratic Socialism.

**Dr.Amalendu Bhunia, Department of Commerce:-**is a member of Editorial Boards as well as Reviewer of International Journals:-

1.Far East Journal of Psychology and Business, Hong Kong and USA(Far East Research Centre).

2. Journal of Management Research, U.S.A(Macro Think Institute).

3. Indian Journal of Commerce and Management Studies(Internationally Indexed Journal),India.

4. Business and Social Sciences Review(BSSR) Journal, London, United Kingdom and Denmark.

5. Asian Journal of Business Management, United Kingdom. (Maxwell Science Publication).

6. International Journal of Accounting and Finance Reporting, U.S.A.(Macro think Institute Publication).

7. African Journal of Business Management, South Africa(Academic Journal Publication).

8. Journal of Economics and International Finance, South Africa(Academic Journal Publication).

**Dr. Tapan Mondal, Department of Bengali** is associated with the following Institutions:-

1. Rabindra Bharati University(Distance Learning Programme)-Honorary Lecturer

2. Kalyani University, Distance Learning Programme(DODL), Honorary Lecturer

3. **Swapan Kumar Ash, Department of Bengali** is associated with the following Institutions:-

1. Kalyani University, Distance learning Programme, Study Centre-  
Dwijendralal College, Krishnanagar
2. Rabindra Bharati University(Distance Learning Programme)-Study Centre-  
Dakshin Barasat College.

**41. Any other relevant information:**

Dr. Somen Chanda, Assistant Professor, Department of Physics, participated actively in the in-beam experiments at the VECC Cyclotron centre during, 14<sup>th</sup> January, 2011- 31<sup>st</sup> January,2011.

## **PART-C**

### **Detailed Plans of the Institution for the Next Year**

The new academic and developmental programmes to meet the requirements of the present and challenges of the future, for the next academic year are as follows:-

- ◆ To set up documentation room with audio visual facilities.
- ◆ To modernize laboratories and include new experimental set up as per the newly introduced syllabus of Calcutta University.
- ◆ To lay more stress on using teaching aids like computers, projectors for class room teaching.
- ◆ To encourage teaching staff for promotion of research related activities.
- ◆ To invite external agencies , for career counselling and campus interviews.
- ◆ To increase the number of seminars on education related popular topics in the undergraduate level.
- ◆ To strengthen Career Guidance and Placement Cell.
- ◆ To Expand Alumni Activities.
- ◆ To organize NSS and NCC Camps for disaster management.
- ◆ To expand the horizon of the NSS wing for performing more and more community-oriented programmes on Environment, Health, Sanitation, Women's Rights, Human Rights, etc.

To  
The Director,  
National Assessment and Accreditation Council,  
P.O. Box No:-1075,  
Nagarbhavi,  
Bangalore-560 072

Dated :-30<sup>th</sup> January,2012

**Fakir Chand College (Track. ID-5156)**

Respected Sir,

The Annual Quality Assurance Report(AQAR) of the Internal Quality Assurance Cell of Fakir Chand College, Diamond Harbour, 24, Pgs(South), PIN-743331, for the session **2010-2011** is being sent for your kind perusal.

Requesting you to accept the report and send a receipt of acknowledgement.

Thanking You

Yours faithfully

(Subires Bhattacharyya)

Principal, Fakir Chand College,

Diamond Harbour, 24 Pgs(South)

PIN-743331

