



# THE IAFF FORUM

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JULY 1, 2009

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*Published by the Indo-American Friendship Foundation (IAFF)*

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# INDO-AMERICAN FRIENDSHIP FOUNDATION (IAFF)

A nonprofit, nonpolitical and nonreligious registered tax-exempt organization

FOUNDED - 1989

The FORUM is the official organ of the IAFF

## OBJECTIVES

- ▶ DEVELOP awareness and interest among Americans about India, her people, culture, problems and potentials
- ▶ PROMOTE friendship and understanding between people of India and USA through cultural, educational and technological exchange
- ▶ AWARD grants, scholarships and prizes to promote and recognize academic, technological and cultural accomplishments in India
- ▶ DEVELOP programs for the welfare of Americans of Indian origin
- ▶ DEVELOP programs in India in support of development of economically backward regions and communities
- ▶ SPONSOR and SUPPORT activities for the benefit of the OSA and its chapters
- ▶ OPEN branches in India and USA to accomplish the above objectives

**NOTE:** Wherever USA is mentioned Canada is also implied to the practicable extent possible

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## ABOUT IAFF

IAFF was founded in 1989 with multiple objectives listed on the inside cover. Although many of us Indian immigrants to USA have assumed US citizenship and therefore owe our constitutional allegiance to this country, we cannot simply ignore the important contributions India has made to our present social, economic and political position. Thus, in our day to day living we are left with dual allegiance: our love and gratitude to India for giving us birth and higher education which we used as foundation for our success, and our love and gratitude to USA for providing us higher education, professional and economic opportunities and unimaginable freedom. Our dual link has not only uniquely equipped us to incorporate the best of both the countries and discard the worst of each in every front of our life, but has also prepared us well to function as the ambassador of each country for the other. What better way can we assume this noble responsibility than fostering friendship and understanding between the largest and strongest democracies of the world?

IAFF was founded against the above backdrop. Its foundation also offered opportunities to make it a unique organization with respect to creative approach to its functioning. This mandated that IAFF be not become a run of the mill organization which might get mired down in by the politics of individuals and groups. Therefore IAFF was registered as a member less program-based organization with a motto "IF YOU HAVE NOTHING TO DO YOU HAVE NOTHING TO SAY". This has empowered IAFF to take the ideas and assistance of creative people who care about India or USA or both without having to bother if the action has the support of the majority. Thus, IAFF is the only known organization where the donor has absolute control on how his/her donation is to be used. IT IS MY SINCERE HOPE THAT EACH OF YOU WILL TAKE ADVANTAGE OF THIS CLAUSE AND DONATE YOUR FUNDS FOR THE BENEFIT OF INDIA OR USA OR BOTH.

Respectfully

Subhas C. Mohapatra

President of IAFF And Editor of The IAFF FORUM

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## ABOUT THE FORUM

In addition to reporting on IAFF business, THE FORUM also addresses various contemporary problems solutions thereto. The objectives of these discussions are to enrich ourselves with each other's ideas and to offer these ideas to elected and appointed government officials at various levels as an educational tool for their endeavor toward service to the society. They ought to know that many of us are not only making vital contributions to the economy and advancement of this country, but would also be glad to share our expertise for the benefit of Orissa and India when asked to do so.

You are invited to present your opposing views on any matter published in this magazine or to present your analysis of current problems in Orissa or this country and solutions thereto.

THE FORUM is distributed free to OSA convention attendees. It is also mailed to those who are in the mailing list but could not attend the convention and to selected administrators, educators, journalists, and elected and judicial officers in ORISSA. Each issue (current volume and back issues) can be obtained by sending a \$5.00 check or money order payable to IAFF.

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## DO YOU WANT TO HELP ORISSA?

Dear Friends:

If you have even the slightest question of why you should help IAFF help Orissa, please see the example given immediately after this appeal. The India Abroad Foundation has been raising funds for more than a decade and claims that this fund is being used for the development of India. If you scan through the list of various projects, you will not find Orissa's name any where in the list. There are similar other organizations who have national goals, none of which includes Orissa.

- If you want to **feed the hungry** in Orissa, there are more suitable organizations than IAFF to help you. But if you want to **prevent hunger** through increased productivity, nutritional training and resource conservation and management, IAFF can assist you to achieve these objectives.
- If you want to **build schools and colleges** in Orissa, there are better

organizations than IAFF to help you realize this goal. But if you want to **improve the existing schools and colleges** through improved facilities and programs, IAFF can assist you to realize these goals.

- If you want to **cure diseases** in Orissa, IAFF cannot help you. But if you want to **prevent disease** through research and education, IAFF can assist you to realize these goals.
- If you want to work as a volunteer in Orissa, there are better organizations to use your time and effort. But if you wish to send a student from USA to Orissa for learning through volunteerism, or bring a student from Orissa to USA for the same purpose, IAFF can assist you toward achieving this objective.
- In each of the above cases you rarely have to worry about anything after making resource and philosophical inputs, IAFF not only does all the leg work for you, it is fully accountable to you, and through that, keeps you posted every step of the way.

In other words, IAFF is dedicated toward building the infrastructure in education, agriculture and health care of the future Orissa where our own children and grand children may not live, but those of our brothers, sisters, relatives and friends will live. Like every other organization, IAFF cannot do every thing for every one. Therefore, between the difficult choice of "this" or "future" generations, IAFF has chosen the latter with the hope that any thing that can be done for the future generations through your help might also help some in the current generation because of the overlap between generations.

I wish to personally thank you for enabling the IAFF to undertake projects in Orissa in the past years. The annual report published in THE FORUM will give you a glimpse on the status of various projects. THE FORUM will be distributed free at the OSA convention. If you do not attend the convention, those of you in the IAFF mailing-list will receive it in mail soon thereafter. In the mean while, you might like to know the following comments from the beneficiaries of your charity and kindness:

- **"We must convey our thanks to IAFF and its contributors. Unless their contribution, the College would not have provided with library and reading room, which is very much essential for the educational institution"** -- Nilima Rath, Principal, Gopabandhu Women's College, Athgarh, Dist. Cuttack.
- **"The School is greatly benefited by the Journal grant from the IAFF... Some of the journals are discontinued because of pressure on annual budget. Therefore, subscription to Physiologia Plantarum by IAFF is of immense help to the faculty and students here.. .....The journal is consulted by research scholars from other colleges, like G.M. College (autonomous), Larambha College, Panchayat College, Bargarh, Atabira College, etc".** -- Dr. U.C.Biswal, Head, School of Life Sciences, Sambalpur University, Burla.
- **"With reverence, I, on behalf of the Governing Body and the staff (both teaching and non-teaching) members and the students of the college, express my heartiest congratulation for extending your helping hands to this baby institution. A ray of hope is illuminated after receipt of the first phase of donation".** --- Major P. Mohanty, Principal, Sarankul College, Dist. Nayagarh.
- **Although I do not have a statement for quotation, Mr. Lokanath Mohapatra has personally indicated to me that IAFF's loan-free student loan has helped him immensely in realizing his dreams and goals: a law degree from a prestigious US institution. Further, he feels that this assistance, has motivated him towards undertaking charitable activities for the benefit of others.**

The above is only the beginning. Much more can be and needs to be done in the years ahead. **May I, therefore, appeal you to send a donation of your choice and capability to IAFF to support its programs here and abroad?**

As many of you know, I contact prospective donors only once a year through mail and this brochure without any subsequent pressure or campaign through phone or in person. Further, because most of you are also my personal friends, it is necessary for me to assure each of you that my friendship with you will not be affected adversely in any way should you decide not to send a donation. I look forward to a generous donation and to meeting with many of you at the OSA convention. Have a splendid summer. If you wish to send a donation to the IAFF, kindly use the form at the end of this Magazine.

Sincerely  
Subhas C. Mohapatra, Ph.D  
President

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# ANNUAL REPORT 2008--9

THIS ANNUAL REPORT COVERS THE PERIOD OF JUNE 1, 2008 TO MAY 31, 2009 AND HAS BEEN APPROVED BY THE BOARD OF DIRECTORS AND ADVISORS.

## SUMMARY OF ACTIVITIES

**INTRODUCTION:** I hope every one who comes across this document will read thoroughly and will contact me with his/her inputs. The actual objective of this report, however, is presentation of IAFF's activities as factually as possible in the short space available. This is how IAFF meets its accountability to its donors and the public to whom it serves through its 501 (c) tax-exempt status from the US IRS.

### USA

- 1. Subrina Biswal Prize in Performing Arts:** As usual, this event was sponsored by IAFF at the annual OSA convention held on July 4 weekends of 2008 at Toronto, ON, Canada. The \$1000 allocated for this prize is equally shared by IAFF and Subrina's family. The following were the 2008 winners
- 1<sup>st</sup> prize/\$500: Ellora Mohanty, Neha Biswal, Shefali Ray (Dance)  
2<sup>nd</sup> prize/\$300: Rajashree Mishra (Dance)  
3<sup>rd</sup> prize/\$200 : Ankita Mohapatra (Dance)

**NOTE: Effective the 2008 OSA convention at Toronto, Canada, the same person can not win this prize in any form in two consecutive years under the same category; however the same person may win the prize in two consecutive years under different categories. Effective the 2009 convention to be held at Stratton, NJ, any person participating in more than one event under the same category will not be eligible for the prize even if he/she/they secure enough points to win a prize. This rule change was introduced in response to feelings that some parents would go to any extent to place their children in a position to win at least one of the three prizes.**

- 2. Seminars and Lectures:** In the annual seminar on Orissa development, sponsored by Orissa Foundation, I participated in discussions following the seminar presentations.
- 3. Visit of NYSASDRI head to USA:** NYSASDRI is an NGO headquartered in the Dhenkanal District and having activities in 14 different districts. NYSASDRI runs the state's largest NGO-eye hospital, the Kalinga Eye Hospital situated in Dhenkanal town. Mr. Sarang Samal, the Director of NYSASDRI had come to the Yale University to present papers on the eye hospital. He extended his trip to my place at IAFF's invitation. The time was used to evaluate progress in ongoing collaborations, plan new collaboration and to visit EPCOT to review soil-less agriculture technologies which IAFF is now applying in various parts of the state.
- 4. FIGHT ON WORLD HUNGER:** In 2008 IAFF was contacted by HHH (Heart and Hand for Haiti) for application of soil-less agriculture technology to fight hunger in Haiti. It was decided to bring Haitian volunteers to USA for training and then transfer soil-less technologies to Haiti through the trained volunteers. The first step in this regard has already been taken in setting up a demonstration project at Logan Trading, a local plant nursery business for visiting Haitian volunteers.

### INDIA

In India, IAFF has traditionally targeted Agriculture, Education and Health Care, with special (but not exclusive) emphasis on rural development. In 2008 I was in India from Oct. 16 to Jan. 5, 2009. This tour was the first time IAFF activities extended beyond the border of Orissa, thus reflecting the long-range goal of IAFF, which is Indo-American Friendship.

- 1. MECHANISM OF OPERATION:** I have a building in Palaspali, Bhubaneswar, near the airport. I have donated a portion of this building to IAFF for rent-free use for as long as I

am physically able to conduct IAFF activities in Orissa. I government employee has been given a rent-free quarter to help me conduct IAFF business. Another portion is being used as staff-quarters where a husband-wife team is housed rent-free to conduct IAFF activities, and run the IAFF office and guest room as per my directions through e-mail and telephone. In addition, the man is paid Rs. 10 (Rs. 20 effective Jan. 2009) per hour for the time he spends on IAFF work. To accomplish these objectives husband is provided cell phone and e-mail facility. Advocate Parsuram Mohapatra (one of my nephews) has been appointed as the chief IAFF representative for Orissa. He is second in the chain of command (i.e., after me) and supervises all relevant activities, in addition to providing legal advice as needed. Advocate Mohapatra provides his services to IAFF free of cost. I fly from USA to Hyderabad and took a train from Hyderabad to Bhubaneswar. My Orissa activities in 2008 are not given chronologically because NGO collaboration and technology transfer deserve extended discussion, which is given at the end.

- 2. MEETINGS WITH NGOS:** As in previous years, I set aside one week to meet with various NGOs who wish to start collaboration with IAFF and take advantage of the annual workshop. The meetings were conducted for three consecutive days with two-hour slots for each meeting. These meetings were conducted between Nov. 2-6.
- 3. THE 3<sup>RD</sup> ALL ORISSA NGO CONVENTION:** This was held at the "Red Cross Bhaban" on Nov. 7-8 (**FIG. 1**). NYSASDRI was IAFF's partner for this convention. IAFF's major objective of uniting Orissa's NGOs under one banner was achieved through the formation of AONA (All Orissa NGO Association). More than 20 NGOs representing different regions of the state participated in this convention. Because of the recent violence in the Kandhmal area, Orissa Government had announced to seek NGO participation to avoid rural conflicts. To facilitate the process, The Hon. Justice Sarat C. Mohapatra, who was appointed as a single man commission to investigate the causes



and circumstances leading to the Kandhmal violence, was invited to give a seminar on "The role of NGOs in rural peace and harmony". The NGOs present presented activities under way under the leadership of each NGO.

- 4. EDUCATIONAL SCHOLARSHIP PROGRAM:** Two programs, one at the Ramakrishna Cottage in Cuttack and the other in the Kujang High School are continuing through the sponsorship of Dr. and Mrs. Dwivedy of Richmond, VA. The Kujang High School scholarship fund has already reached the targeted goal and is not receiving any more IAFF finance. However, the Ramakrishna Cottage program is still receiving periodic support from IAFF depending on its needs.

### 5. NGO COLLABORATION

#### A. CONTINUED COLLABORATION:

- i. AICF (Asian American Community Fund):** This joint collaboration pertains to assistance to the Nivedita Ashram Orphanage located in Patalipank in the Kendrapara District of Orissa. The main thrust of this collaboration is to enhance self-sustainability of the Orphanage through the utilization of farm land procured by AICF for the Orphanage. This is expanded further under technology transfer.
- ii. NYSASDRI:** Efforts are under way to develop an Agricultural Technology Park at Kashipur in Dhenkanal

District. Work initiated toward this goal will be described under technology transfer.

**B. NEW COLLABORATIONS**

**i. JITM:** Jagannath Institute of Technology and Management is an engineering college established by the ex-PM Mr. P.N. Rao who represented the Gajapati District (Parlakhemundi). IAFF is planning to start an agricultural vertical integration project which will consist of crop production, processing, aseptic packaging, storage and marketing. In addition, areas farmers will also be trained in modern agricultural technologies. JITM has set aside a parcel of land for this purpose and will also provide engineering infrastructure whereas IAFF will offer financial and research infrastructure. JITM was selected for this purpose because first, I am in the advisory board of the institute and second, the Parlakhemundi area represents the undivided KBK environs which need be explored with regard to agricultural diversification. Because this area is also inhabited by a large number of tribal people results of this effort should also benefit the tribal economy.

**ii. TWS:** Tribal Welfare Society is a national NGO with Orissa, Jharkhand, 36-Garh, MP and Gujarat constituting one zone. During my 2008 Orissa tour TWS took me to the following places to address various problems and to seek solutions for them.

**• SUNDARGARH DISTRICT/ORISSA:**

- o **Kalushiria (FIG. 2):** Tribal leaders showed me piles of charcoal (A) and Fly ash (B) pollution coming out of the numerous sponge iron (C) plants in the area. When I addressed the locals (D) I brought to their attention that what they consider pollution are actually important assets because both Charcoal and Fly ash can be used for soil-less agriculture.



- o **Salangabahal (FIG. 3):** Here I talked to tribes from 8 surrounding villages who feel that they are being deprived of their property and prosperity in the name of development. I was pleased to see their faces



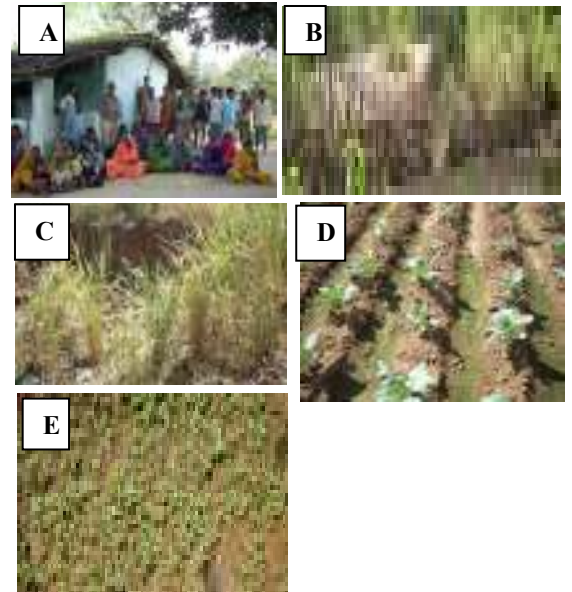
brightened up when I pointed out them that their peace and happiness is actually in their own hands because they can bring their prosperity back through soil-less agriculture.

- o **Bihabal (FIG. 4):** The Gangpur College of Social Work (A) is located here... I presented a seminar on “Challenges for Social Worker in Rural Orissa”. The



theme of the talk was to implore the students of the college that if they do not keep themselves updated about modern and changing technologies, they can not help adequately development of rural Orissa. On behalf of IAFF, I pledged Rs.5000 library grant when the college moves to its new campus under construction. I was also taken to the villages from 32-mauza which is chronically affected by flood resulting from the Mandira dam in the Sankha river. Many a locals (B) could not restrain their joy and danced spontaneously when I told them that the sand was a gift them from the nature because it will help them use soil-less agriculture.

- **SIMDEGA DISTRICT/JHAKHAND (FIG. 5):** We devoted the whole day at the Malchara Village in the Bolwa Block. Because these people live in inaccessible community we had to leave our vehicle and walk nearly a kilometer to reach the village.



These people (A) are not only industrious, but are also eager to adopt whatever new ideas and technologies are given to them. For example, they built a wood check-dam to collect water to irrigate their crops (B). They are so determined to improve their sustainability that they try to grow rice wherever they can, even a few sq.ft. area (C). Among all the tribal villages I visited, this was the only place where I found people taking diverse approach such as growing vegetables in addition to rice instead of only rice (D, E). It was, however, obvious that they have a long way to go to get results worth their efforts. Towards that objective, I visited several farmers’ fields and demonstrated to them the mistakes they are making. The farmers and TWS volunteers were amused when by looking at the plants I predicted what was wrong in the poor plants and what was right in the healthy plants. This convinced them that they can indeed increase their yield (and hence income) by introducing only slight improvements in the methods they are following. Then I uprooted some plants and replanted them the right way. I left with a request to report to me the differences in the results. I have received the following communication from the TWS. *“I am glad to inform you that the method you taught at the vegetable farms to the farmers at a village near Bolwa in Jharkhand, it has got very good results. we have been informed by our Bolwa unit that those farmers have good much better yield and are extremely happy with the very good results. I must congratulate you that if simple demonstration has helped them and such are the response, I am sure, with the model demonstration of the soil less bed models; attentions of the villagers from near*

by villages will also be there.”

• **BILASPUR DISTRICT/36-GARH:**

- **Deharipara:** I was told that the inhabitants of this village are among the most primitive tribes still adhering to their original life style. Naturally, therefore, not much could be communicated with these people, except one person named Mohan, who showed considerable interest and offered to build, with IAFF funding, a demonstration plot at his site.
- **Kotmi:** After meeting with the villagers at Deharipara, we headed to Kotmi. We had to not only driven on as bad a road as one can imagine, but also had to cross several “Ghats” in the high mountains. Because this arduous journey put us behind nearly 2 hours, our meeting with the villagers had to be very brief. However we managed to make sufficient time to examine the potential of building an “Agricultural Technology Park” in a 3-acre plot donated to TWS by the villagers. Land demarcation is expected to be completed before my 2009 tour to the same area. The work will begin on soil-less agriculture. It is also envisioned that eventually a purchasing, processing and marketing center will be located inside the park.

• **RAIPUR DISTRICT/CHHATTISGARH:**

- **Rawaan:** Several cement factories are located near this village. The largest of them belongs to the Ambuja Cement Company, itself the largest cement company of India. When I began to talk to the assembled villagers, there was instant protest from a group of villagers because the speaker (i.e. me) can not speak or understand Hindi. This led to physical confrontation between two groups of people, as a result of which I had to wait nearly half hour before I could speak. This was possible because those who wanted to hear me physically removed the trouble makers. I was told later that the village is still divided among supporters and opponents of the Ambuja Cement factory because building the nearby factory had caused a lot of people lose their land and livelihood. To pacify the villagers’ emotions the Ambuja Cement Company has founded the Ambuja Foundation, which in turn runs a 13-acre farm-demonstration center for the benefit of the local farmers. The physical confrontation was between the supporters and opponents of the Ambuja Cement Company.

I was pleasantly surprised to find that the villagers are not only well versed in modern agriculture, but many of them also understood the intricacies involved in fertilizer application and plant nutrition. I also met several young people in their mid 20s who are very enthusiastic about modern farming and probably would have liked to spend much more time with us, time permitting. Several people accompanied me to the Ambuja Foundation Demonstration Farm and asked me to critique its approach. Because by that time I had already sensed the political sensitivity of the whole situation, I only offered measured responses by not pointing out the mistakes but by emphasizing how a better approach could have been taken. One of the local farmers insisted that we visit his house, which we did, and then he offered that he will build a demonstration plot of soil-less agriculture at his own cost with technical advice from IAFF and TWS.

- **Raipur:** This was a place where I had to come to catch a train for Bhubaneswar and therefore had to spend the night in a hotel. We used this time to take the following decisions: 1) Eight people from TWS will take the 2008 on-farm workshop offered by IAFF. 2) One soil-less production unit will be built at IAFF cost by TWS at Mangu’s location in Kalushiria. 3)

One soil-less production unit will be built at IAFF cost by TWS at a farmer’s field at Salangbahal. 4) One soil-less production unit will be built at IAFF cost by TWS at the Women’s hostel of Gangpur College of Social Work at Bihabal. 5) One soil-less production unit will be built at IAFF cost by TWS at the location of Kalo Khalko in Bolwa. 6) One soil-less production unit will be built at IAFF cost by TWS at the location of Mohan in Deharipara. 7) One soil-less production unit will be built at the farmer’s cost by the farmer with technical assistance from TWS and IAFF. 8) An agriculture technology park will be built at Kotmi of Bilaspur District. The cost will be borne primarily by TWS with partial funding from IAFF and technological assistance by IAFF.

- **Late Development:** After my return back to the USA I received an e-mail from Mr. Patel that the Vice Chancellor of the Pundit Sunderlal Sharma Open University at Bilaspur is also interested to open an Agriculture Technology Transfer Center in collaboration with TWS and IAFF. Mr. Patel suggested that IAFF programs should be extended to the states of Madhya Pradesh and Gujarat in 2009. Communications are in progress to finalize these undertakings.

**6. TECHNOLOGY TRANSFER:**

- A. ON FARM WORKSHOP:** The 7<sup>th</sup> workshop on “Eradication of Poverty and Attainment of Prosperity through Integrated Farming System, Controlled Environment Agriculture, Soil-less Agriculture and Eco-Farming” was offered in the last three weekends of November at the IAFF Agriculture Center in Village Barakoli in Dhenkanal District. Seventeen people were trained at the 2008 workshop (**FIG. 6**). Because of growing need for renewable energy source,



attempts are being made at the Agriculture Center to grow Jatropha, a wild variety of Castor bean, in soil-less medium. The **left figure** below shows workshop trainees near the sand bed used for Jatropha production. The **right figure** below shows trainees near the vertical growth station. This system is being developed to empower tribal people who do not have any land to grow food to fight hunger.

- B. NIVEDITA ASHRAM ORPHANAGE :** The 2008 flood in the State of Orissa so severe that orphans at the Nivedita Ashram Orphanage in Kendrapara District had to spend several days on the roof top without food. Therefore a roof top production system is being constructed (**FIG. 7**) at the orphanage to sustain the orphans both during flood and normal

times. It is anticipated that construction of the roof top production system will be completed in



2009 and the system will be put into use in 2010.

**C. AGRICULTURE TECHNOLOGY CENTER (FIG. 7):**

IAFF and NYSASDRI are collaborating to develop this center at Kashipur in Dhenkanal District to train farmers and other rural inhabitants in soil-less agriculture technologies.



In the first phase, the sloped beds on both sides of the stairs leading down from the guest house were used for mixed production of vegetable crops such as chili pepper, cabbage and cauliflower, and various types of land scape plants consisting of flowering and foliage species. A combination of various technologies such as controlled environment agriculture, eco-farming, sili culture, hydroponics, fertigation, drip irrigation, gravity feed, plasticulture, and waste disposal was used for this purpose. **A** - Stairs leading down from the guest house. **B & C** - Tirbal ladies preparing both sides of the stair to laying sand beds. **D** - Mixed culture of vegetable crops and land scape plants on the sand beds. **E, F, G** - Magnification of Chili Pepper plants with fruits.

**D. URBAN AGRICULTURE (FIG. 8):**

In different parts of the world the concept of “green roof” is taking hold rapidly ( For details, see National Geographic , May 2009, p. 84-103). Although the concept of “green roofs” has not been adopted systematically in Orissa, instances of roof top gardeneing is quite common. But these are fraught with inefficiency and inaccuracies. For example, use of heavy earthen pots, soil, cow dung, and frequent watering has limited this operation mainly to young people, except for affluent families who can afford to have hired labor. IAFF is setting up a soil-less roof top production system with low maintenance requirements.

Chili Pepper and Catfish production were introduced in the first phase and Lemon orchard was introduced in the second phase. More than Rs. 700 was earned through the sale of green pepper and catfish.

**A** - Catfish from the roof top fish tank, **B** - Lemon plant in the roof top orchard. **C** - Roof top chili pepper bed. **D** - Magnified pepper plant in the roof top bed. **E** - Controlled Environment Agriculture (CEA) technology to protect the pepper bed from high temperature, wind and rain in the

summer and rainy seasons, respectively.



**E. RURAL ENERGY (FIG. 9):**

Many rural villages in Orissa are plagued with absence of electric power or unexpected power loss for indefinite periods. As reported earlier, IAFF has been testing different types of solar lights to mitigate these situations. After five years of trial, IAFF has finally settled with WLED-Head lights. The advantage of these lights is that 1) they are less costly than other solar lights, 2) they make both hands free, thus enabling the user to perform normal activities. 3) They use standard AA or AAA batteries which are now available even in rural Orissa. 4) Because of this cloudy and rainy days will not have any adverse effects. 5) The standard batteries can be replaced by rechargeable batteries, which can be charged through solar chargers or electric chargers.

**FINANCE**

Effective this year, the financial statement will be given only in the summary form because the daily log will be available at [www.iaff1.org](http://www.iaff1.org). along with this report in the forum after July 4 OSA convention. All questions on IAFF should be addressed to [iaff10@yahoo.com](mailto:iaff10@yahoo.com) or [iaff100@gmail.com](mailto:iaff100@gmail.com).

IAFF conducts financial transactions both in the USA and India. It has three bank accounts in the USA and two bank accounts in the Indian Overseas Banks (IOB) in Bhubaneswar. Income for IAFF in the USA comes exclusively from donations and service fees against designated donations. Income in India comes from donations and workshop fees from attendees. Although not an income, IAFF receives periodically refund of loans extended to various NGOs under income-generation program. All monies generated within India are deposited in the NRO account because rupees are not acceptable to dollar accounts.

As needed from time to time, US dollars are sent to the dollar account (NRE Account) in the IOB. These monies are available as rupees inside India but can be brought back to USA as dollars.

Financial record keeping at IAFF is made simple SO that it can

be understood and audited by a novice without special training in financial matters. This is accomplished through the use of a "Daily log" developed through Micro Soft Excel Spreadsheet. The daily log is based on the considerations that on any given day: a) No money is received or spent (called NO ACTIVITY). b) Money is received (called credit/deposit). c) Money is spent (called debit/withdrawal). b) Because cash transactions are not allowed from IAFF money, where cash is needed this is done through loan from designated individuals. These individuals are reimbursed from time to time through checks. All loan transactions are entered in the daily log in red to distinguish from other expenses. Only when the money is reimbursed it is entered in black under debit/withdrawal. Occasionally, money is withdrawn in held as cash in hand to meet situations where loan purchase or check writing is not possible.

Because all calculations are done automatically through the formula functions of the Microsoft Excel Spreadsheet, accidental errors are possible. But this is usually caught during auditing and corrected. Although IAFF's financial runs from June 1-May 31, the daily log is maintained in January to December basis to be compatible with the US tax year. Therefore, for the purpose of this report, data are extracted from June 1-May 31 of the current year and Jan.1-May 31 of the previous year. The daily log available at [www.iaff1.org](http://www.iaff1.org) follows this format.

## BALANCE SHEET

### A. US: DOLLARS

<b>I.</b>	Amount BF from 05/31/08	5,398.35
	Amount earned (donation+ interest) until 05/31/09	8,486.31
	<b>Total funds in year 06/01/08-05/31/09</b>	<b>13,884.66</b>
<b>II.</b>	Total expense during 06/01/08-05/31/09	11,651.98
	Balance (Running balance in daily log) on 05/31/09	2,232.68
	<b>Total funds in year 06/01/08-05/31/09</b>	<b>13,884.66</b>
<b>III.</b>	<b>Running balance in daily log on 05/31/09</b>	<b>2,232.68</b>
	Running balance = Total of all bank balances:	
	CNB savings balance	73.44
	CNB checking balance	1,053.14
	Wachovia checking balance	1,106.10
	<b>Total bank balance on 05/31/09</b>	<b>2,232.68</b>
<b>IV.</b>	Total bank balance on 06/01/09	2,232.68
	total uncased CDs	7,550.00
	<b>Total funds carried over to 06/01/09</b>	<b>9,782.68</b>
<b>V.</b>	<b>Stock market value of invested funds</b>	<b>18405.11</b>

### B. INDIA/ORISSA: RUPEES

<b>I.</b>	<b>Rupee incomes between June 1,08-May 31,09</b>	
	a. Balance forward from May31,08	47,295.60
	b. deposits between Jun.1,08-May 31,09 from: dollar transfer, sales, fees, donations and interests	188,985.00
	<b>TOTAL INCOME DURING 08-09</b>	<b>236,280.60</b>
<b>II.</b>	<b>Rupee expenses between June 1,08-May 31,09</b>	
	Withdrawals for fees, taxes, purchases, labor and services etc.	<b>135,819.90</b>
<b>III.</b>	<b>Income - Expenses = Rupee balance</b>	<b>100,460.70</b>
<b>IV.</b>	<b>Bank balance</b>	
	a. Balance in NRE account	80,717.00
	b. Balance in NRO account	19,743.70
	<b>TOTAL BANK BALANCE</b>	<b>100,460.70</b>
<b>V.</b>	<b>Rupee carried over to June 1, 09</b>	<b>100,460.70</b>

NOTE: FOR DETAILS PLEASE SEE [www.iaff1.org](http://www.iaff1.org) . This will be available after July 4 OSA Convention.

### C. LOAN MONEY:

I had collected in 1993 a \$15,000 loan through internet request against my personal assets to build the IAFF Rural Agriculture Center. The loan had a 5% guaranteed simple interest for 5 years. I am pleased to state that with two exceptions all the monies have been refunded fully with 5% interest. In the two exceptions, the monies came as donation to IAFF instead of as loans. Therefore these monies did not require a refund.

The Rural Agriculture Center (RAC) established through the above loans has to date trained more than 120 people on modern agriculture technologies including soil-less agriculture. The workshop is self financed because it charges Rs. 1000 from each trainee. In addition, technologies developed at the RAC is now spreading to different parts of India (e.g. Orissa, Jharkhand and 36-Garh).

## ସୁବିନା ସ୍ମୃତିରେ

ରାଜଧାନୀ ର ଗ୍ରୀଷ୍ମ ତାପମାନ  
ଉଠେ ଯେବେ ଧୀରେ ଧୀରେ,  
ତୁରେ ଚାଲିଗଲା ତୁମେ ସୁବିନା  
ନ ଚାହିଁଲ ଫେରି ଥରେ ( ୧ )

ନାଶାହାଲ ର ରଙ୍ଗମଞ୍ଚ ପରେ  
ଓଢ଼ିଶା ନୃତ୍ୟର ତାଳେ,  
କୋଣାର୍କ କନ୍ୟାର ମୁହାଁ ଆଜିଲ  
ଦେବଦାସୀ କୌତୁହଳେ ( ୨ )

ତୁମ ଅଙ୍ଗ ଭଙ୍ଗି, ତୁମର କଟାକ୍ଷ,  
ତୁମ ମୃତୁ ମୃତୁ ହସ,  
ତୁମ ନୁହୁର ର ମଧୁ ଗୁଣିନ  
ଦର୍ଶକେ କଲା ଭଲ୍ଲାସ ( ୩ )

ମୃତ୍ୟୁର ବଢ଼, ବୃନ୍ତଚ୍ୟୁତ କଲା  
ତୁମର ଜୀବନ କଳା,  
ଅର୍ପଣ କରୁଛି ଆଦେ ସ୍ୱର୍ଗପାତ୍ରୀ  
ଅଶ୍ରୁର ଶ୍ରଦ୍ଧାଞ୍ଜଳି ( ୪ )

ନିରୁପମା ମହାପାତ୍ର

### **SUBRINA BISWAL (1970 – 1989)**

SUBRINA was born to Dr. Nilambar and Mrs. Anu Biswal in Huston, TX. She represented an exemplary blend of two cultures: Indian and American. She demonstrated her innate talent in dance and music when she was only 2-1/2 years old. She was a gifted and talented dancer in three styles of Indian classical dance: Odissi, Kuchipudi and Bharat Natyam. She mastered the intricate footwork, facial expressions, and sensuous body movements of the ancient and traditional Indian art. She was one of the youngest artists in the USA to have her “Range Pravesham” (stage debut) at the age of 7-1/2 years, on which occasion she gave a two-hour solo performance. She contributed her artistic talents to numerous charitable fund-raising efforts throughout USA and Canada Without the benefit of a dance teacher, and with her mother’s help.

SUBRINA developed innovative styles through rigorous practice and by analyzing videotapes of her own performances. Her talents were not limited to performing arts only; she also excelled in studies and sports. Subrina had many friends and she has left a legacy of love, affection, and compassion. She was snatched away from us all within days of her last performance at the 20<sup>th</sup> OSA (1989) convention held at Nashville, TN.

IAFF is proud to name this award after SUBRINA BISWAL to not only give tribute to her artistic talents but, more importantly, to celebrate her spirit of friendship, selfless sharing and joy of participation. In awarding this prize, IAFF hopes to inspire other Oriya-American children to follow SUBRINA’s footprints.



### **WINNERS**

- 1990 Devranjan Patnaik (Solo)
- 1991 Devasis Mishra (1st)  
Sujatha Nayak (2nd)  
Rupali Mishra (3rd)
- 1992 Maya Mishra (1st)  
Laboni Patnaik (2nd)  
Somesh Dash (3rd)
- 1993 Nimisha Doshi (1st)  
Loreena Patnaik (2nd)  
Michigan Youth Group (3rd)
- 1994 **NOT AWARDED**
- 1995 Sunita Mohanty (1st)  
Rajesh Mishra (2nd)  
Prantik Patnaik (3rd)
- 1996 Alok and Anand Dash (1st)  
Aparajita Chakrabarty (2nd)  
Seema Misra (3rd)
- 1997 Shibani Patnaik (1st)  
Renuka Rege (2nd)  
Suraj Patnaik (3rd)
- 1998 **NO RECORD**
- 1999 Pratyasha Acharya (1st)  
Lipi Mishra/Durga Sarangi (2nd)  
Priyanka, Pallavi, Purvasha Patnaik (3rd)
- 2000 Shovana/Sumna Mishra (1st)  
Atasi Satapathy (2nd)  
Prantik Dash (3rd)
- 2001 Raj Patnaik (1st)  
Atasi Satapathy (2nd)  
Jyoti Misra, Sweta Mohapatra, Akita Khandai,  
Bidula Sinha (3rd)

- 2002 Natasha Mohapatra (1<sup>st</sup>)  
Atasi Satapathy, Ananya Kar (2<sup>nd</sup>)  
Reena Patro, Shovna Tripathy (3<sup>rd</sup>)
- 2003 Ananya Kar (1<sup>st</sup>)  
Pallavi Das (2<sup>nd</sup>)  
Reena Patro, Shovna Tripathy, Shomya Tripathy  
(3<sup>rd</sup>)
- 2004 Jaydeep Sen (1<sup>st</sup>)  
Renuka, Rohini Rege (2<sup>nd</sup>)  
Monica Bhuyan (3<sup>rd</sup>)
- 2005 Shivani Mohapatro (1<sup>st</sup>)  
Natasha Mohapatro (2<sup>nd</sup>)  
Ishani Behera (3<sup>rd</sup>)
- 2006 Pratik A. Dash (1<sup>st</sup>)  
Ananya Kar (2<sup>nd</sup>)  
Ayesha Kar, Manisha Patra (3<sup>rd</sup>)
- 2007 Ananya Kar (1<sup>st</sup>)  
Samir Mishra, Suraj Patnaik, Anna Das,  
Jyoti Mishra and Ankita Khandai (2<sup>nd</sup>)  
Saurav Patnaik (3<sup>rd</sup>)
- 2008 Ellora Mohanty, Shefaly Ray and Neha  
Biswal (1<sup>st</sup>)  
Rajashree Mishra (2<sup>nd</sup>)  
Ankita Mohapatra (3<sup>rd</sup>)

# ANNOUNCEMENT !!!

## 8<sup>TH</sup> ON-FARM WORKSHOP ON

### INTEGRATED FARMING SYSTEMS ,CONTROLLED ENVIRONMENT AGRICULTURE, SOIL-LESS AGRICULTURE AND ECOFARMING

**2009: Nov. 28-30 (Workshop No. 1); Dec.4-6 (Workshop No.2). Maximum of 5 persons are limited to each workshop.**

**PLACE:** IAFF Agriculture Center, Village Barakoli, Dist. Dhenkanal, Orissa, India

**COST:** Rs. 1000 (one thousand Indian Rupees) or US \$30 (Thirty US Dollars).

**COST INCLUDES** Textbook, Lecture handouts, Four meals, Five snacks, Lodging for two nights and transportation to the nearest bus stand for departure. Special arrangement for ladies available with prior request. **The cost also includes a money-back written guarantee and an attendance certificate.** Trainees arrive at the Institute on their own on Friday before 6:00 pm.

#### ELIGIBILITY:

1. Must be 21 years or older, and understand and write English. In absence of this qualification, the applicant must come with own translator and pay full fee for both.
2. Must fill out the application form and submit the fees by the deadline: US dollars: Sept. 1; Indian Rupees: Oct. 15. **THE APPLICATION IS NOT ACCEPTABLE WITHOUT COMPLETE INFORMATION REQUESTED and APPLICABLE FEES.**
3. A maximum of **five** trainees will be accepted for each workshop on a first-come-first-accepted basis.
4. **ON-SITE REGISTRATION IS NOT AVAILABLE** : Each trainee must be pre-registered by the above deadline with payment of applicable fees.

#### REFUNDS:

If any workshop is cancelled the trainees will be accommodated in another workshop or money will be refunded in full. The fee is not refundable under any other circumstance. However, the book will be mailed to the registrant's mailing address and the registrant can attend any future workshop at no additional cost, provided that the fee has not increased, in which case he/she can attend the workshop by paying the difference.

**SPONSORSHIP:** Any person can be a candidate himself/herself or sponsor one or more persons to attend the workshop. If you are a sponsor, you must fill out the application form at the time of submitting the fees.

**DIRECTOR/INSTRUCTOR:** Dr. Subhas C. Mohapatra:

Senior Researcher (Retired), Biological & Agricultural Department, North Carolina State University, Raleigh, NC.  
President, Science & Technology Application Systems, Inc., 167 Bluegrass Drive, Warrenton, NC, USA  
President, Indo-American Friendship Foundation, 1413 Boxwood Lane, Apex, NC, USA.  
President, CORE (Consolidated Orissa Rural Enterprise), Barakoli, Dist. Dhenkanal, Orissa, India.

**BOOK:** AFFORDABLE TECHNOLOGY FOR INTEGRATED FARMING SYSTEM (IFS), CONTROLLED ENVIRONMENT AGRICULTURE (CEA) AND ECOFARMING (EF) by Dr. Subhas C. Mohapatra.

**FORMAT:** Each workshop starts at 7pm of Friday and continues until 2pm Sunday. The workshop consists of 4-units, each unit consisting of approx. four hours. The four units are: Orientation (Friday evening), Lecture (Saturday am), Demonstration (Saturday pm), and Hands-on experience (Sunday am). Departure is Sunday pm.

#### CURRICULUM (SUMMARY)

**1)** Misconceptions in Agriculture **2)** Different aspects of Agriculture (Agronomy, Forestry, Animal husbandry, Organic Farming etc.); **3)** What is environment; **4)** Definition of CEA, IFS and EF; **5)** Methods for controlling environmental factors (drip irrigation, siliculture, hydroponics and drainage etc); **6)** Harvest, storage, processing and marketing of agricultural products; **7)** Principles and procedures in food crop/processing; **8)** Energy sources for agricultural operations; **9)** Ergonomics in agricultural mechanization; **10)** Microeconomics in Agriculture; **11)** Hybrid seeds: promises and problems; **12)** Role of Plant and Animal Biotechnology in agriculture; **13)** Principles and procedures for crop protection (predators, insects and diseases); **14)** Income targeting and enhancement through agricultural diversification; **14)** Principles and procedures in Ecofarming.

**MONEYBACK GUARANTEE:** The workshop is offered under a written money back guarantee provision: If you do not get back the money you paid as fees for the workshop through the application of technologies on which you will receive training within a calendar year, you will get back refund of your fees minus the cost of the book.

# APPLICATION FORM

## 8<sup>th</sup> WORKSHOP ON IFS, CEA & EF, NOV. 2009

(YOU MAY FILL THIS APPLICATION IN HAND-WRITING; ADDITIONAL COPIES CAN BE DOWNLOADED FROM [www.iaff1.org](http://www.iaff1.org))

**LOCATION:** Village Barakoli, Kamakshya Nagar Sub-Division, Dhenkanal District, Orissa, INDIA

**NOTE: 1. Every one must bring all needed personal items including bedding requirements for sleeping on the floor. 2. You will be notified about your acceptance through phone or mailing address you give below. 3. You will also be notified immediately through phone if any last minute change occurs.**

**TENTATIVE DATES:** Nov. 28-30 (Workshop No. 1); Dec.4-6 (Workshop No.2)

**DIRECTIONS FROM DHENKANAL TOWN:** 1) Take bus to Marthapur and disembark at village Barakoli. Ask some one for direction to Suresh Mohapatra's residence. 2) Take bus to Kamakshya Nagar. Disembark at Pandua. Take Taxi to Barakoli. 3) Take taxi or private automobile towards Kamakshya Nagar and take right turn at Pandua towards Marthapur. Take right turn off the main road at Barakoli and drive straight for about 1km to Suresh Mohapatra's residence.

**PHONE CONTACTS:** 6762-239365 (Suresh Mohapatra/Rajaram Mohapatra), 6762-224459 (Sreeshesh Mohapatra), 674-2393153 or 9437125251(Parsuram Mohapatra), 9937428304 (Krushna Pradhan), 9338364670 (Subhas Mohapatra).

**YOUR NAME:**

**YOUR ADDRESS:**

**YOUR TELEPHONE NO.**

(If you do not have a telephone number describe how you can be reached immediately if needed.)

**YOUR E-MAIL ADDRESS:**

**Write the date of workshop you wish to attend: ..... Are you willing to attend the workshop on a different date if the date you requested is not available? Yes \_\_\_\_\_ No \_\_\_\_\_** (Your fees will be refunded in full if you are not accepted or if the Workshop is cancelled. There will be no refund under any circumstance. However, the book will be mailed to your mailing address and you can attend the workshop on a future date at no additional cost provided that the fee has not increased, in which case you will need to pay the difference.)

**If you are sponsoring one or more persons, please give your name and address above and the sponsors' names, addresses and telephone numbers below.**

1.

2.

3.

4.

5.

**Vegetarian \_\_\_\_\_ Non-vegetarian \_\_\_\_\_ . Do you have any food allergy? Yes \_\_\_\_\_; No \_\_\_\_\_. If yes, please describe Are you Male \_\_\_\_\_, Female \_\_\_\_\_**

**(IF YOU ARE A SPONSOR, PLEASE GIVE ABOVE INFORMATION FOR EACH SPONSOREE)**

**Have you enclosed the workshop fee (Rs.1000.00 or US. 30 for each person) with this application? Yes \_\_\_\_\_ No \_\_\_\_\_**

**(Indian Rupees:** Only bank drafts (payable to IAFF IOB Account No. NRO50026) is acceptable. The bank draft and this application should be mailed to Advocate Parsuram Mohapatra, 4 Nilakantha Nagar, Unit 8, Bhubaneswar 751001. **US/CANADIAN Dollars:** Personal Checks (in case of Canadian checks the amount must be equivalent to US 30.00) are acceptable. However, acceptance will be informed only after the checks have been credited to IAFF account. Please send the check (payable to IAFF) to 1413 Boxwood Lane, Apex, NC 27502.)

**You must Answer the following questions to be accepted for the workshop:**

1. Can you understand English? \_\_\_\_\_ Yes, \_\_\_\_\_ No; Can you write English? \_ Yes, \_\_\_\_\_ No.

2. Are you a farmer? \_\_\_\_\_ yes \_\_\_\_\_ no. If yes, how many acres? \_\_\_\_\_

3. Why do you want to attend the workshop?

4. How do you plan to use the technologies you will learn?

5. Do you have any agricultural problems? \_\_\_\_\_ No, \_\_\_\_\_ Yes ( please describe below)

6. If you are a sponsor, why are you sponsoring the individual(s)?