

COURSE REGISTRATION FORM

A Course under MHRD- GIAN
On

BIOLOGY OF THE CROCODYLIA: MODELS FOR CONSERVATION BIOLOGY

March 13-25, 2017

School of Studies in Zoology
Jiwaji University
Gwalior-474011 (M.P.)

Full Name:

Designation:

Affiliation:

Address for Correspondence:

.....

Mobile No.:

Email:

Course Registration Category:.....

Fee: DD/ Multicity Cheque No.:

Bank Name: Date:

All the payments shall be made by " DD/Multicity Cheque" drawn in favour of
" The Registrar, Jiwaji University Gwalior" payable at Gwalior.

Signature with Date

Duly filled in registration form along with the registration fees can be send to.

Course Coordinator: Prof. R. J. Rao

Email: rjrao09@gmail.com / rectorju@gmail.com



**Global Initiative of Academic Networks
(GIAN)**

Sponsored by

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**Ministry of Human Resource Development
Government of India**

BIOLOGY OF THE CROCODYLIA: MODELS FOR CONSERVATION BIOLOGY

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School of Studies in Zoology

Jiwaji University, Gwalior (M.P.)

NAAC "A" Grade

Website: www.jiwaji.edu

Ministry of Human Resource Development (MHRD), Govt. of India approved a new program titled Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resource,, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. It is our pleasure to inform you that GIAN Cell of Jiwaji University, Gwalior is Organizing GIAN Course titled as " Crocodile Biology and Conservation" in School of Studies in Zoology during March 13-25, 2017 with foreign faculty Dr. Perran Ross, University of Florida USA.

Overview of the Course:- Human crocodile conflicts are common phenomena from the past and have become a significant problem throughout the world. Crocodiles, which play a vital role in maintaining the ecosystem balance through prey-predator interaction, require large aquatic habitats, but much of their habitat has been fragmented and degraded and several species are at risk of extinction. However, successful conservation nationally and internationally has allowed some species to recover and they now pose a problem for people. Local people use the rivers and water bodies for drinking water, washing, extraction of water for irrigation, livestock use, building materials (sand) and fishing. Crocodiles can attack people and livestock, entangle fishing nets and people fear crocodile attacks. These conflicts are highlighted by the media, and are impediments to crocodile conservation programmes.

Course Details:- This course examines issues and their basis in crocodile biology as a general model to address large vertebrate conservation in the modern world. The course is organized in two modules that should be taken together. The topics in Module A: Biology of the Crocodylia and Module B: Models for conservation biology. Module A will expose the participants to the biological aspects of Crocodylian including behavior, ecology, reproduction and life history strategies. Module B will throw light on basic and new concepts of conservation biology, human crocodile conflict issues and solution, conservation constraints and conservation options and opportunities.

Technical Session:- Participants will learn the topics through lectures and hands-on experiments. Also case studies and assignments will be shared to stimulate research motivation of participants.

WHO SHOULD ATTEND

Those are a wildlife researcher or research scientist interested in crocodile research and conservation, Zoologist or environmentalist or faculty interested to learn techniques on wildlife conservation particularly Crocodile conservation, and Student or faculty from academic institutions interested in learning how to do research on crocodile biology and population monitoring techniques.

Registration Fee and Accommodation:- Registration to the portal (www.gian.iitkgp.ac.in) is one time affair and will be valid for lifetime of GIAN. Once registered in the portal, and applicant will be able to apply for any number of GIAN course as and when necessary. One time Non-refundable fee of Rs. 500/- is to be charged for this service. It is to be noted that mere registration to the portal will not ensure participation in the Courses.

The participation fees for taking the is as following:-

Participants from abroad: US \$500
Industry/ Research Organizations: 4000
Academic Institutions Students: 1000

The above fee include all instructional materials, computer use for tutorials and assignments, laboratory equipment usage charges, 24 hr free internet facility. The participants will be provided with accommodation on payment basis.



Foreign Faculty

Dr. Perran Ross, was born in London, UK and raised and educated in Perth, Western Australia, where he obtained his Bachelor of Science degree with honours in Zoology in 1972. He obtained his PhD in Zoology at the University of Florida, USA, in 1976. Dr. Ross was an Associate of the Museum of Comparative Zoology at Harvard University, visiting lecturer at University of Massachusetts and Williams College, Assistant Research Scientist at the Florida Museum of Natural History, Associate Scientist in Wildlife Ecology and Conservation, University of Florida and served as the Executive Officer of the Crocodile Specialist Group and member of the IUCN/SSC Marine Turtle and Reintroduction Specialist Groups. He was adviser to the Florida Fish and Wildlife Conservation Commission on stakeholder management and Florida conservation issues. Dr. Ross's career focused on international conservation biology, specializing in the application of sustainable use to conservation and management of sea turtles and crocodylians in developing countries. He has been a consultant and advisor to World Wildlife Fund International, CITES, IUCN, US, AID, ICBP and the US Fish and Wildlife Service. He is currently advising students working on crocodylian ecology in West Africa, Mexico and Brazil and terrapins in Florida.



Host Faculty

Professor R. J. Rao joined School of Studies in Zoology, Jiwaji University, Gwalior in January 1989. He has completed research projects from MOEF, UGC, MOA, MPCST, UNDP-GOI, GCA, and DEC. His field of research is primarily on Wildlife Biology and Management and other research interests are Conservation Biology, Environmental Impact Assessment, Zoo management, Conservation Biology, Environmental Impact Assessment, Zoo Management, Conservation and management of Aquatic resources, Human Ecology etc. His research work was recorded as significant contribution in Encyclopedia Britannica, in 1990, he received advanced research training on Ecohydrology in Europe (1999) and Conservation GIS in USA (2005) through UNEP and UNESCO fellowships. He visited many countries including USA, UK, Italy, France, Australia, Singapore, Sri Lanka, Thailand, Poland, Austria, Hungary, Croatia, Kenya, Senegal, Nepal, South Africa, China etc. for participating in scientific programmes. He is member of several International and National committees and organizations. He is member of Indian Wildlife Board, Government of India, Presently, he is working as Rector, Jiwaji University, Gwalior

About us

Gwalior is a historical city, situated in Madhya Pradesh. It is situated 120 km south of Agra and 389 km North of Bhopal. It is well connected to all major Indian cities by road, rail, and air. It is a city of music, with richest musical tradition.

Jiwaji University came into existence on May 23, 1964. The University has been awarded "A" grade by NAAC. The School of Studies in Zoology was established in 1971 as one of the teaching departments of the Jiwaji University, Gwalior. The mandate of the School is to impart quality education and training to the students and to conduct research in Zoology and interdisciplinary areas.



Prof. Sangeeta Shukla

Vice Chancellor

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