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<b>Date of Birth</b>	1 <sup>st</sup> June, 1964
<b>Sex</b>	Male

## Academic qualifications

<b>1.</b>	Ph.D (2001) in Zoology from Utkal University, Vani vihar, Bhubaneswar, Odisha India.
<b>2.</b>	M.Sc (1984) in Zoology from Utkal University, Vani vihar, Bhubaneswar, Odisha India.

<b>Awards/ recognition received</b>	<ol style="list-style-type: none"> <li>Received “Krishak Bandhu” award from Krisak samaj, Odisha during 2011 for aquaculture developmental work in three backward districts of Odisha under NAIP project.</li> <li>Appreciation letter received from “nr International (UK)” for installation and operation of FRP carp hatchery in Diptipur, Odisha under “Western Orissa Rural Livelihoods Project” during 2007-08 creating awareness on carp seed production and aquaculture in the area.</li> <li>Received “Young Scientist Award” during the year 2006 from the Institute.</li> <li>Aquaculture Production and Environment division (APED) received “Best Section” from the Institute during 2006 and myself is one of the member of APED.</li> <li>Appreciation letter received from the Deputy Director General (Fisheries), ICAR during 2006-07 for the “successful breeding and larval rearing of <i>Pangasius Pangasius</i>”.</li> <li>Appreciation letter received from the Deputy Director General (Fisheries), ICAR for the successful breeding and rearing of an endangered catfish <i>Horabagrus brachysoma</i> during 2005-06.</li> </ol>
<b>Research Experience and current activities</b>	<ul style="list-style-type: none"> <li>Finfish/ catfish breeding and rearing</li> <li>Rural development through aquaculture activities</li> </ul>
<b>Current Research Projects</b>	<ol style="list-style-type: none"> <li>Outreach activity on fish feed</li> <li>Sustainable livelihood improvement through integrated freshwater aquaculture, horticulture and livestock development in Mayurbhanj, Keonjhar and Sambalpur districts of Orissa</li> <li>Seed production in Agricultural crops and fisheries</li> <li>Seed production and grow-out culture of indigenous catfish, magur through training and demonstration in North-Eastern states (Assam &amp; Manipur)</li> </ol>
<b>Completed Projects</b>	<ol style="list-style-type: none"> <li>Mass production of fry and fingerlings, and culture of <i>Clarias batrachus</i></li> <li>Breeding and culture of Indian catfishes</li> <li>Processing and recycling of fish and animal offals as the fish meal substitute in the diet of fish</li> <li>Qualitative and quantitative assessment of gonad and gamates of</li> </ol>

	<p>Indian major carps through induced breeding with GnRH based inducing agents and carp pituitary extract</p> <ol style="list-style-type: none"> <li>5. Encycling and recycling of animal, fish waste and slaughter house blood as fish meal substitute in fish feed</li> <li>6. Breeding and culture of <i>Pangasius pangasius</i></li> <li>7. Breeding and culture of Mahanadi Mahaseer, <i>Tor mosal mahanadicus</i> (David)</li> <li>8. Mass seed production and growout culture of diversified catfishes: <i>Pangasius pangasius</i> and <i>Horabagrus brachysoma</i></li> <li>9. Development of flow-through system for industrial aquaculture</li> <li>10. Breeding and culture of large Indian catfishes</li> <li>11. Setting up a portable FRP carp hatchery in Bargarh district (Consultancy mode)</li> </ol>
<p><b>Products commercialized/ released</b></p>	<ol style="list-style-type: none"> <li>1. Central Institute of Freshwater Aquaculture in 2008 commercialized “FRP Magur Hatchery” to M/s. M R Aqua tech, Bhubaneswar, Odisha) in which I am the core team member to develop the FRP hatchery for Magur.</li> <li>2. Immunoboost-C has been developed to enhance immunity in Indian carps. The product was commercialized to M/S. Star Aqua Lab, West Bengal.</li> <li>3. “STARTER- M” magur Larval diet has been developed to wean <i>Clarias batrachus</i> (Magur) larvae. This feed was officially released at this Institute by the Hon’ble Union Minister for Agriculture, Mr Sarad Pawar on 26<sup>th</sup> Dec 2004. This feed is nutritionally balanced and highly palatable for baby magur. It ensures faster growth and high survival of larvae.</li> <li>4. Starter- Pangas, a larval feed has been developed to wean <i>P. pangasius</i> larvae. This feed was officially released at Indian Council of Agricultural Research, New Delhi by the Secretary DARE, Director General, ICAR during April, 2011. This feed is nutritionally balanced and highly palatable for Pangas larvae. It ensures faster growth and high survival of larvae.</li> <li>5. Pangas Grow-1, a Pangasfry feed has been developed to feed <i>P. pangasius</i> fry. This feed was officially released during Farmers meet in Calcutta by the Vice-Chancellor, West-Bengal University of Animal husbandry and Veterinary Science during April, 2010. This feed is nutritionally balanced and highly palatable for Pangas fry. It ensures faster growth and high survival of fry.</li> </ol>

	<p>6. Pangas Grow-1, a Pangasfry feed has been developed to feed <i>P. pangasius</i> fry. This feed was officially released during at CIFA by the Secretary DARE, Director General, ICAR during January, 2012. This feed is nutritionally balanced and highly palatable for Pangas fry. It ensures faster growth and high survival of fry.</p>
<p><b>Publications</b></p>	<p><b>Books Authored</b></p> <ol style="list-style-type: none"> <li>1. Gupta, S.D., Mohapatra, B.C., Routray, P., <b>Sahoo, S.K.</b> and Verma, D.K. (2008). Text book of breeding and hatchery management of carps. Narendra Publication, New Delhi. Pp 163.</li> <li>2. Ayyappan, S., Jena, J.K., <b>Sahoo, S.K.</b>, Sarkar, S.K., Satpathy, B.B. and Nayak, P.K. (1999). National Freshwater Aquaculture development Plan. CIFA, Bhubaneswar. Pp. 75.</li> <li>3. Ayyappan, S., Jena, J.K., Sarkar, S.K., Satpathy, B.B., Nayak, P.K. and <b>Sahoo, S.K.</b> (1998). Strategies for increasing fish production from freshwater aquaculture in India. CIFA, Bhubaneswar. Pp. 58.</li> <li>4. Ayyappan, S., Jena, J.K. and <b>Sahoo, S.K.</b> (1997). National Freshwater Aquaculture development Plan-Orissa CIFA, Bhubaneswar. Pp. 48.</li> </ol>
<p><b>Books/ documents Edited</b></p>	<ol style="list-style-type: none"> <li>1. Proceedings of “National workshop and stakeholder meet on fish feeds” (Eds. K.N. Mohanta, S.C. Rath, A. Saha, B.N. Paul, <b>S.K. Sahoo</b> and S.S. Giri) held during 2011 at CIFA, Bhubaneswar. Pp. 20.</li> <li>2. Proceedings of the Workshop on “Portable hatchery for better carp seed production” (Eds. N. Sarangi, B.C. Mohapatra, P. Sahu, <b>S.K. Sahoo</b>, S. Mohanty and K.K. Sharma) held during 2007 at CIFA, Bhubaneswar. Pp. 11.</li> <li>3. Compedium of Abstracts, The Fifth Indian Fisheries Forum(Eds. S. Ayyappan, J.K. Jena, P.K. Sahoo, <b>S.K. Sahoo</b>, S.N. Mohanty, S.C. Mukherjee, K. Kumar, S.K. Swain and B.B. Sahoo) organized by AFSIB &amp; CIFA during 2000 at Bhubaneswar. Pp. 169.</li> <li>4. Souvenir, The Fifth Indian Fisheries Forum (Eds. S. Ayyappan, J.K. Jena, P.K. Sahoo, <b>S.K. Sahoo</b>, S.N. Mohanty, S.C. Mukherjee, K. Kumar, S.K. Swain and B.B. Sahoo) organized by AFSIB &amp; CIFA during 2000 at Bhubaneswar. Pp.125.</li> </ol>

## Articles Published in Journals

1. Giri, S. S., **Sahoo, S. K.**, Mohanty, S. N., and Sahu, A. K. (2011). Effect of dietary protein levels on growth, feed utilization and carcass composition of endangered bagrid catfish *Horabagrus brachysoma* (Gunther 1864) fingerlings. *Aquaculture Nutrition*, 17: 332-337.
2. Giri, S. S., **Sahoo, S. K.** and Mohanty, S. N. (2010). Replacement of by-catch fishmeal with dried chicken viscera meal in extruded feeds: effect on growth, nutrient utilisation and carcass composition of catfish *Clarias batrachus* (Linn.) fingerlings. *Aquaculture International*, 18:539-544.
3. **Sahoo, S. K.**, Giri, S. S. and Chandra, S. (2010). Threatened fishes of the world: *Clarias batrachus* (Linn. 1758). *Environmental Biology of Fishes*, 88: 85-86.
4. **Sahoo, S. K.**, Giri, S. S., Chandra, S. and Sahu, A. K. (2010). Stocking density- dependant growth and survival of Asian sun catfish, *Horabagrus brachysoma* (Gunther 1861) larvae. *Journal of Applied Ichthyology*, 26: 609-611.
5. **Sahoo, S.K.**, Giri S.S. and Chandra, S. (2008). Rearing performance of *Clarias batrachus* larvae: effect of age at stocking on growth and survival during fingerling production. *Aquaculture*, 280:158-160.
6. **Sahoo, S. K.**, Giri, S. S., Chandra, S. and Sahu, A. K. (2007). Spawning performance and egg quality of Asian catfish *Clarias batrachus* (Linn.) at various doses of human chorionic gonadotropin (HCG) injection and latency periods during spawning induction. *Aquaculture*, 266: 289-292.
7. Swain, P., Dash, S., Sahoo, P. K., Routray, P., **Sahoo, S. K.**, Gupta, S. D., Meher, P. K. and Sarangi, N. (2007). Non-specific immune parameters of brood Indian major carp *Labeo rohita* and their seasonal variations. *Fish & Shellfish Immunology*, 22: 38-43.
8. Swain, P., Dash, S., Bal, J., Routray, P., Sahoo, P. K., **Sahoo, S. K.**, Saurabh, S., Gupta, S. D. and Meher, P. K. (2006). Passive transfer of maternal antibodies and their existence in eggs, larvae and fry of Indian major carp, *Labeo rohita* (Ham.). *Fish & Shellfish Immunology*, 20: 519-527.
9. **Sahoo, S. K.**, Giri, S. S. and Sahu, A. K. (2005). Induced spawning of Asian catfish, *Clarias batrachus* (Linn.): effect of various latency periods and SGnRH $\alpha$  and domperidone doses on spawning performance and egg quality. *Aquaculture Research*, 36: 1273-1278.

	<p><b>10 Sahoo, S. K.,</b> Giri, S. S. and Sahu, A. K. (2004). Effect of stocking density on growth and survival of <i>Clarias batrachus</i> (Linn.) larvae and fry during hatchery rearing. <i>Journal of Applied Ichthyology</i>, 20: 302-305.</p> <p><b>11 Giri, S. S., Sahoo, S. K.,</b> Sahoo, B. B., Sahu, A. K., Mohanty, S. N., Mukhopadhyay, P. K. and Ayyappan, S. (2002). Larval survival and growth in <i>Wallago attu</i> (Bloch and Schneider): effects of light, photoperiod and feeding regimes. <i>Aquaculture</i>, 213: 151-161.</p> <p><b>12 Giri, S. S., Sahoo, S. K.,</b> Sahu, A. K. and Meher, P. K. (2002). Effect of dietary protein level on growth, survival, feed utilisation and body composition of hybrid <i>Clarias</i> catfish (<i>Clarias batrachus</i> x <i>Clarias gariepinus</i>). <i>Animal Feed Science and Technology</i>, 104: 169-178.</p> <p><b>13 Sahu, A. K., Sahoo, S. K.</b> and Giri, S. S. (2002). Efficacy of water hyacinth compost in nursery ponds for larval rearing of Indian major carp, <i>Labeo rohita</i> <i>Bioresource Technology</i>, 85: 309-311.</p> <p><b>14 Giri, S. S.; Sahoo, S. K.; Sahu, A. K.</b> and Mukhopadhyay, P. K. (2000). Nutrient digestibility and intestinal enzyme activity of <i>Clarias batrachus</i> (Linn.) juveniles fed on dried fish and chicken viscera incorporated diets. <i>Bioresource Technology</i>, 71: 97-101.</p> <p><b>15 Giri, S. S., Sahoo, S. K.,</b> Sahu, A. K. and Mukhopadhyay, P. K. (1999). Growth, feed utilisation and carcass composition of <i>Clarias batrachus</i> (Linn.) fingerlings fed on dried fish and chicken viscera incorporated diets. <i>Aquaculture Research</i>, 31: 767-771.</p>
<p><b>Articles in proceeding</b></p>	<p><b>1. Giri, S. S., Sahoo, S. K.</b> and Paul, B. N. (2011). Initiatives to conserve LC-PUFA in human through aquaculture. In: First Indian Academy of Veterinary Nutrition and Animal Welfare Conference-2011, held at VCA, DURG, Chhattisgarh during 24-25 September. IAVN &amp; VCA, Durg. Pp. 28-31.</p> <p><b>2. Giri, S. S., Sahoo, S. K.,</b> Rath, S. C., Paul, B. N., Rangacharyulu, P. V. and Mohanty, S. N. (2010). Fish nutrition, feeds and feeding with special emphasis to Indian major carp polyculture. In: Proceedings of VII Biennial Animal Nutrition Association Conference held at Orissa University of Agriculture &amp; Technology, Bhubaneswar, India. ANA &amp; OUAT. Pp. 96-98.</p>

	<ol style="list-style-type: none"> <li>3. Giri, S.S. and <b>Sahoo, S.K.</b> (2009). Growth, feed utilization and body carcass composition of endangered Asian yellow catfish (<i>Horabagrus brachysoma</i>) fingerling. IN: Proceedings of Animal Nutrition Association World Conference (Eds. A.K. Pattanaik, A.K. Verma, D.N. Kamra, K. Sharma). ANA, ICAR, IVRI &amp; ILRI. Pp. 244.</li> <li>4. Giri, S. S., <b>Sahoo, S. K.</b>, Jena, J. C., Mohanty, S. N. and Sarangi, N.: Fish and human health In: Proceedings of National symposium on "Prospective role of veterinary public health in integrated rural development" held at college of Veterinary Science and Animal Husbandry, OUAT, Bhubaneswar, India. VSAH &amp; OUAT</li> <li>5. <b>Sahoo, S. K.</b>, Giri. S.S., Sahu, A. K. and Gupta, S. D. 2002). Evaluation of hideout on Growth and survival of <i>Wallago attu</i> (Schneider) larvae during indoor rearing. In: Proceeding of The Fifth Indian Fisheries Forum AoA&amp;AFSIB. Pp. 35-37.</li> </ol>
<p><b>Popular Articles</b></p>	<ol style="list-style-type: none"> <li>1. <b>Sahoo, S. K.</b>, Giri, S. S. and Chandra, S. (2011). Management in seed production of an endangered catfish, <i>Horabagrus brachysoma</i> during its hatchery phase. <i>Aquaculture Asia</i>, 16: 26-30.</li> <li>2. Swain, S. K., Meher, P. K., <b>Sahoo, S. K.</b>, Mohapatra, B. C., Patra, B. and Swain, D. K. (2011). Adivasibahulaanchala re matsya, udyankrusi o pasupalanrabikasa pain N.A.I.P raekaavinavprachesta. <i>Minaloka</i>, 2: 27-29.</li> <li>3. Swain, S. K., Ikmal, S. S., Parida, S., Patro, B., <b>Sahoo, S. K.</b>, Rajesh, N., Meher, P. K., Jena, J. K. and Jayasankar, P. (2011). Success story of the Barakhandapat ornamental fish breeding unit at Patana cluster of Keonjhar, Odisha, India. <i>Aquaculture Asia</i>, 16: 13-16.</li> <li>4. Giri, S. S., Paul, B. N., <b>Sahoo, S. K.</b>, Rangacharyulu, P. V., Rath, S. C. &amp; Mohanty, S. N. (2010). Fish oils and cardiovascular health. <i>Fishing Chimes</i>, 30: 37-39.</li> <li>5. <b>Sahoo, S. K.</b>, Giri, S. S., Chandra, S. and Sahu, A.K. (2010). Management in seed rearing of Asian catfish, <i>Clarias batrachus</i>, in hatchery conditions <i>Aquaculture Asia</i>, 15: 23-25.</li> <li>6. Sahu, A.K., Chandra, S. &amp; <b>Sahoo, S. K.</b> (2005). Deshi magur ke labhakari kheti (In hindi language). <i>Kheti</i>, 58: 33-36.</li> </ol>

	<ol style="list-style-type: none"> <li>7. <b>Sahoo, S. K.</b>,Giri, S. S. &amp;Sahu, A. K. (2004). Entry of African catfish into India: an overview of its impact on Indian fisheries. Fishing Chimes, 24: 42-43.</li> <li>8. Sahu, A. K., <b>Sahoo, S. K.</b> and Ayyappan, S. (2000). Seed production and hatchery management of the Asian catfish <i>Clarias batrachus</i>. Fishing Chimes19: 94-96.</li> <li>9. Sahu, A. K. and <b>Sahoo, S. K.</b> (1998). Culture possibilities and potentials of Asian catfish, <i>Clarias batrachus</i>. Fishing Chimes, 17: 32-33.</li> </ol>
<p><b>Bulletins/ Leaflets</b></p>	<ol style="list-style-type: none"> <li>1. Giri, S.S.; <b>Sahoo, S.K.</b>, Mohanty, S. N. and Sahu, A.K. (2011). Starter-Pangas, pangas larval diet.</li> <li>2. Giri, S. S.,<b>Sahoo, S. K.</b>, Sahu, A. K. and Chakraborty, P. P. and Mandal, S. C. (2011). Starter-Pangas, Bachaa Pangaser Prarambhik Khabar (in Bengali language).</li> <li>3. Giri, S.S.; <b>Sahoo, S.K.</b>, Sahu, A.K. and Mohanty, S. N. (2007). Starter-M, magur larval diet.</li> <li>4. Sahu, A.K. and <b>Sahoo, S.K.</b>, Giri, S.S. and Chandra, S. (2007). Deshimagur ka prajanan, bij Utpadan ebam palan.</li> <li>5. Sahu, A.K. and <b>Sahoo, S.K.</b>, Giri, S.S. and Chandra, S. (2006). Breeding, seed production and culture of Asian catfish, <i>Clarias batrachus</i>.</li> </ol>

25 Years of dedicated service to the nation