

SANJAY SWAMI PROFESSOR



College of Post Graduate Studies in Agricultural Sciences (CPGS-AS), Central Agricultural University, Umiam - 793 103, Meghalaya, India



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EDUCATION

2004	Ph. D. (Ag.) Soil Science CCS Haryana Agricultural University, Hisar, Haryana
2001	M.Sc. (Ag.) Soil Science CCS Haryana Agricultural University, Hisar, Haryana
1999	B.Sc. (Ag.) Honours Rajasthan Agricultural University, Bikaner, Rajasthan

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2004	Soil Science (Soil Chemistry, Fertility and Microbiology) ASRB, New Delhi
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WORK HISTORY

07/2025 – Contd.	Dean (Additional Duty) College of Agriculture, Central Agricultural University (CAU), Pasighat – 791 102, Arunachal Pradesh, India
02/2018 – Contd.	Professor (Full) School of Natural Resource Management, College of Post Graduate Studies in Agricultural Sciences (CPGS-AS), Central Agricultural University (CAU), Barapani Campus, Umiam – 790 103, Meghalaya, India
05/2016 – 02/2018	Professor (Associate) at CPGS-AS, CAU, Umiam, Meghalaya
02/2012 – 05/2016	Sr. Scientist & Head at SKUAST-Jammu, J&K
06/2007 – 02/2012	Professor (Assistant) at SKUAST-Jammu, J&K
06/2006 – 06/2007	Research Associate at SKUAST-Jammu, J&K
09/2003 – 06/2006	Senior Research Fellow at ICAR-CSSRI, Karnal, Haryana

RECOGNITION & AWARDS: 18

- **Dr. Rattan Lal Award - 2024** by the Agriculture Forum for Technical Education of Farming Society (AFTEFS) & Vital Biotech, Kota for outstanding contribution in the field of Soil Science and Agricultural Chemistry.
- **Global Outstanding Soil Scientist Award - 2024** by the Agricultural Technology Development Society (ATDS) for outstanding contribution in the field of Soil Science and Agricultural Chemistry.
- **Paryavaran Mitra Puruskar - 2022** by the Bharat Vikas Parishad, New Delhi for significant contribution in protecting the environment.

- **SCSI Dr. J.S. Bali Award** by the Soil Conservation Society of India, New Delhi.
- **Outstanding Scientist Award** by the Society of Krishi Vigyan.
- **Best Soil Conservationist Award** by the Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK for outstanding contribution in the field of Soil Resource Conservation and Management.
- **SCSI National Fellow Award - 2021** by the Soil Conservation Society of India, New Delhi.
- **Global Scientist Award - 2021** by the Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK for outstanding contribution in the field of Natural Resource Management.
- **Established Teacher in Soil Science – 2020** by the Global Outreach Research and Education Association (GOREA) for outstanding contribution and recognition in the field of Soil Science and Agricultural Chemistry.
- **Outstanding Eminent Scientist Award - 2020** by the Agricultural Technology Development Society (ATDS) for outstanding contribution in the field of Soil Science and Agricultural Chemistry.
- **Outstanding Achievement Award - 2020** by the Samgra Vikas Evam Paryavaran Sanrakashan Samiti (SVPSS) for outstanding contribution in the field of Soil Science and Agricultural Chemistry.
- **SCSI Gold Medal Award - 2019** by the Soil Conservation Society of India (SCSI), New Delhi with for significant contribution in the field of conservation and management of natural resources, especially in the Indian Himalayan region.
- **Outstanding Achievement Award - 2019** by the Agricultural Technology Development Society (ATDS) for outstanding contribution and recognition in the field of Soil Science and Agricultural Chemistry.
- **Distinguished Scientist Award – 2019** by the Pragati International Scientific Research Foundation, Meerut for outstanding contribution in the field of Soil Science and Agricultural Chemistry.
- **Fellow Award - 2019** by the Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK for outstanding contribution in the field of Soil Science and Agricultural Chemistry.
- **Appreciation Award – 2019** by the Soil Conservation Society of India (SCSI) New Delhi in recognition of his sincere, dedicated and hard work for successful organization of the 4th International Conference during November 05-09, 2019.
- **Young Scientist Award – 2018** by the Society of Extension Education for consistent contribution in the field of extension of natural resource management practices, especially soil and water resource management in hilly tracts.
- **SCSI Leadership Award - 2017** by the Soil Conservation Society of India (SCSI), New Delhi.
- **Appreciation Award – 2017** by the Society of Extension Education, Agra for extending extra-ordinary assistance in organizing the 8th National Extension Education Congress, 2017 on Nutrition-Sensitive Agriculture: Changing Role of Extension during January 28-31, 2017 at ICAR-NAARM, Hyderabad.

ACADEMIC/RESEARCH EXPERIENCE

(a) Teaching UG/PG:

SKUAST-Jammu: 18 June 2007 to 17 May, 2016

CAU-Imphal: 18 May 2016 to fill date (Contd.)

(b) Research:

Research Project Handled: 11

Research Project Ongoing: 03

RESEARCH GUIDANCE AS MAJOR GUIDE: Ph.D. 08

M.Sc. 21

RESEARCH GUIDANCE AS CO-MAJOR GUIDE: Ph.D. 13

M.Sc. 29

PUBLICATIONS: Research Papers 166; Books 27; Book Chapters: 68, Popular Articles 82

RELEVANT ADMINISTRATIVE EXPERIENCE:

Head of Institutions:

- Dean, College of Agriculture, CAU, Pasighat, Arunachal Pradesh w.e.f. 05th July, 2025.
- Headed Krishi Vigyan Kendra, SKUAST Jammu as Sr. Scientist & Head, for 4 years and 6 months.
- Chairman, Meghalaya Chapter of Soil Conservation Society of India since 2017.
- Additional Charge of Assistant Registrar (Academics) at CPGS-AS, CAU, Umiam for 2 years.

Board Member of Universities/Institutions:

- His Excellency, The President of India and the Visitor of Manipur University nominated as a **Member of the Fifth Court of Manipur University** under Section 22(1) read with Amended Statute 10(5) of Manipur University Act, 2005 for a term of three years w.e.f. 2018.
- Vice-Chancellor, Nagaland University nominated as an **External Expert Member of the Board of Studies (BoS)** in the Department of Soil and Water Conservation for a term of three years w.e.f. 2023.
- Vice-Chancellor, Integral University, Lucknow appointed as an **External Expert Member of the Research Development Council (RDC) for the Faculty of Agricultural Sciences and Technology** for a term of three years w.e.f. 2024.
- Member of Technical Committee of **Special Consultative Committee on PG Education in Agricultural Sciences** of CPGS-AS, Umiam and conducting 3rd PG Consultative Committee Meeting on 24th August, 2016.
- Convener of Technical Committee of Special Consultative Committee on PG Education in Agricultural Sciences of CPGS-AS, Umiam and conducting 4th PG Consultative Committee Meeting on 20th May, 2017.
- Member of **Vidyalaya Management Committee (VMC)** as an eminent educationist, **Kendriya Vidyalaya NEPA, Barapani for a period of three years** vide letter No. F. 291490/22(A)/KVNEPA/2021-22/29 Dated: 31-07-2021.

- The National Research Development Corporation (NRDC), Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India, New Delhi nominated as an **Expert for evaluating the applications of NRDC National Societal Innovation Awards, 2020**
- The National Research Development Corporation (NRDC), Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India, New Delhi nominated as an **Expert for evaluating the applications of NRDC National Meritorious Invention Awards, 2020**
- The National Research Development Corporation (NRDC), Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India, New Delhi nominated as an **Expert for evaluating the applications of NRDC TDVC Program, 2023**
- Lemon Ideas, appointed **Jury for the Innopreneurs, Pre-Finale Pitching Round of Innoreneurs – Startup Contest, Season 09 of 2022-23.**
- Deputy Director General (NRM), ICAR Hq, New Delhi nominated as his representative for holding Assessment for Promotion of ARS Scientists under CAS Vide F.No. NRM/21-6/2021-IA-II (Computer No. 121301) Dated: 25-02-2021.
- Member of College Level **Priority Setting, Monitoring & Evaluation (PME) Cell** vide letter No. CAU/CPGS/Committees/2020-21/2312 Dated: 9th November, 2020.
- **Sub-theme Leader of Enhancing fertility and productivity of acid soils** under Soil Science and Agricultural Chemistry theme of Central Agricultural University vide No. CAU/CPGS-AS/Miscellaneous/2024-25 Dated: 23rd November, 2024.
- Member of the International Advisory Council of The Grassroots Institute, Montreal, Canada.
- Chairman of Meghalaya State Chapter of the Soil Conservation Society of India, New Delhi w.e.f. 2018 to till date (Continuing) and under my Chairmanship the Chapter won Best Chapter Award in 2020 and 2022.
- Councilor, National Executive Body of the Soil Conservation Society of India, New Delhi w.e.f. 2019 to 2024.
- Vice President (East) of the Soil Conservation Society of India, New Delhi w.e.f. Jan, 2025 for a term of 3 years.
- Member of the National Executive Body of the Academy of Natural Resource Conservation and Management, Lucknow w.e.f. 2023 for three years.
- Expert at NCERT, New Delhi for revision and inclusion of Indian Knowledge System (IKS) content in Agricultural Sciences in NCERT books from class 6 to 12th.
- Expert of Soil Science and Agricultural Chemistry for developing the course content of B.Sc. Natural Farming at ICAR, New Delhi.

International and Special National Assignments/Consultancies:

- The Republic of Uzbekistan appointed as expert examiner for evaluating project proposal submitted to the Center for Scientific and Technical Information under the Ministry of Innovative Development, GoU.
- Represented India and presented country paper in the Asian Productivity Organisation (APO), Tokyo, Japan Sponsored Workshop on *Successful Models of*

Integrated Farming at Dhaka, Bangladesh organized by National Productivity Organisation (NPO), Ministry of Industries, Dhaka.

- Member for identification and infusing the Indian Knowledge System (IKS) content of Agriculture and revising the course curriculum of NCERT books for class 6 to 12 at INDIA LEVEL.
- Consultant-Individual for the Meghalaya Basin Development Agency, Shillong, Meghalaya.
- Coordinated and Chaired the Scalling-up Session of the ISOFAR International Scientific Workshops on *Research for Organic Agriculture to Tackle Future Challenges* at the IFOAM – Goesan 2nd International Organic Expo and the celebration of the 50th Anniversary of IFOAM – Organics International and 10th Anniversary of IFOAM Asia in Goesan, South Korea.

Post Doctorate Fellowship:

- **Senior Global Fellow of the Grassroots Institute, Montreal, Canada** for conducting research on the theme “**Mountain Ecosystem Management**” for 3 years w.e.f. 01 August, 2022.
- **Fellow of Himalayan University Consortium (HUC), International Centre for Integrated Mountain Development (ICIMOD), Kathmandu, Nepal.**
- **Ambassador of the Global Forum on Food Security and Nutrition (FSN Forum),** Food and Agriculture Organization of the United Nations.
- Mentor for Interns of the Indian Knowledge System, Ministry of Education, Government of India.
- **Associate Fellow of the Indian Institute of Advanced Study,** UGC-Inter University Centre, Rashtrapati Nivas, Shimla, India for three consecutive year w.e.f. 2017.
- **National Fellow of the Soil Conservation Society of India, New Delhi** w.e.f. 2021.
- Fellow of the Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, UK w.e.f. 2019.

Member of Editorial Board of National/International Journals:

- **Guest Editor,** *Journal of Environmental Biology* (JEB), Published by the Triveni Enterprises, Lucknow, UP, India. P-ISSN: 0254-8704, e-ISSN: 2394-0379. NAAS: 6.70
- **Guest Editor,** *Journal of Experimental Biology and Agricultural Sciences* (JEBAS), Published by the Horizon Publisher India (HPI), Didwana, Nagaur, Rajasthan, India. ISSN: 2320-8694.
- **Honorary Editorial & Advisory Board Member,** *Indian Journal of Pure & Applied Biosciences* (IJPAB), Published by the Vital Biotech Research & Training Institute, Kota, Rajasthan, India. ISSN: 2582-2845 (E).
- **National Editor,** *International Journal of Agricultural Invention* (IJAI), Published by the Agricultural Technology Development Society (ATDS), Ghazibad, UP, India. ISSN: 2456-1797 (P).
- **Editor,** *Grassroots Journal of Natural Resources* (GJNR), Published by The Grassroots Institute, Montreal, QC, Canada. ISSN: 2581-6853.

- **Editor**, *Journal of Natural Resource Conservation and Management (JNRCM)*, Published by the Academy of Natural Resource Conservation and Management (ANRCM), Lucknow, India.

Membership of Professional Societies:

- Life member of the *Soil Conservation Society of India (SCSI)*, New Delhi, India
- Life member of the *Indian Association of Soil and Water Conservationists*, Dehradun, UK, India
- Life member of the *Indian Association of Hill Farming*, Barapani, Meghalaya, India
- Life member of the *Academy of Natural Resource Conservation and Management (ANRCM)*, Lucknow, UP, India.
- Life member of the *Society of Extension Education, Agra (SEEA)*, Agra, UP, India
- Life member of the *Indian Society of Soil Salinity and Water Quality (ISSSWQ)*, ICAR-Central Soil Salinity Research Institute, Karnal, India.
- Life member of the *Mobilization: Society for Community Mobilization for Sustainable Development*, Division of Agricultural Extension, IARI, New Delhi, India
- Life member of the *Indian Society of Soil Science (ISSS)*, New Delhi, India.
- Life member of the *Society of Krishi Vigyan (SKV)*
- Honorary Life Member of the Asian-PGPR Society of Sustainable Agriculture (Asian-PGPR), Auburn, Alabama, USA w.e.f. 2022 to till date (continuous): 4 years
- Life member of the Agricultural & Environmental Technology Development Society (AETDS), Pantnagar, UK, India w.e.f. 2019 to till date (continuous): 6 years
- Life member of the Society for Advancement of Agricultural Sciences (SAAS), Modipuram, Meerut, UP, India w.e.f. 2016 to till date (continuous): 10 years
- Life member of the Agricultural Technology Development Society (ATDS), Ghaziabad, UP, India w.e.f. 2019 to till date (continuous): 7 years
- Life Member of the 360 Research Foundation, Narkatiaganj, Bihar w.e.f. 2024 to till date (continuous): 2 years
- Life Member of Agriculture Forum for Technical Education of Farming Society (AFTEFS) w.e.f. 2024 to till date (continuous): 2 years

ICAR Summer/Winter School Organized:

As Course Director:

- 21 days Summer School on “Organic Farming and Conservation Agriculture for Sustainable Management of Natural Resources, Environment, Energy and Livelihood Security” during 05-25 August, 2017 at College of Post Graduate Studies, Barapani.
- 21 days Winter School on “Organic/Natural Farming for Efficient Utilization of Natural Resources and Rural Livelihood Security” during 01-21 February, 2025 at CPGS-AS, CAU, Barapani.

Local Germplasm Registered with PPVFRA, New Delhi

- Local kidney bean germplasm with unique characteristics from Bandichechyan, Madari i.e., hilly areas of Poonch district as **PULAST MOTH**

TECHNOLOGY DEVELOPED: 11

CONFERENCE ORGANIZED AS ORGANIZING SECRETARY: 07

CONFERENCE ATTENDED: 53

INTERNATIONAL EXPOSURE: Japan, South Korea, Mongolia, China, Nepal, Bhutan, Bangladesh

Vision: Sustainable, innovative, and resilient agriculture systems in India.

Date: 13-03-2026



(Sanjay Swami)

ANNEXURE-I

RESEARCH PAPERS:

- Satya, M.S.S.C. and **Sanjay-Swami** (2025). Interactive effect of phosphorus and boron on their temporal soil availability under black gram [*Vigna mungo* (L.) Hepper] cultivation and nodulation in acid Inceptisol. *Legume Research: An International Journal*, 48(3): 444-449. ISSN: 0250-5371, DOI: 10.18805/LR-4877. NAAS: 6.59.
- Patgiri, P., **Sanjay-Swami** and Singh, S. (2025). Comparative study of soil biological properties under organic and conventional farming systems in acidic soils of Meghalaya, India. *Journal of Environmental Biology*, 46(2): 266-271. ISSN: 0254-8704. NAAS: 6.60 (2025), DOI: <http://doi.org/10.22438/jeb/46/2/MRN-5422>.
- Sanjay-Swami**, Lallawmkimi, M.C., Singh, V., Yadav, K.K., Alagendran, S., Koushal, S. and Lairenjam, G. (2025). Harnessing edaphic microalgae for soil carbon sequestration and climate-smart agriculture. *Archives of Current Research International*, 25(3): 155-171. eISSN: 2454-7077. DOI: <https://doi.org/10.9734/acri/2025/v25i31105>.
- Bordoloi, U., Singh, A.K., Ray, L.I.P., Ram, V., **Sanjay-Swami** and Saikia, R. (2024). Effect of establishment techniques and nutrient sources on growth, yield and economic return of foxtail millet varieties (*Setaria Italica* L.) in mid hills of Meghalaya, India. *Plant Archives*, 24(2): 1643-1648. eISSN: 2581-6063. DOI: <https://doi.org/10.51470/PLANTARCHIVES.2024.v24.no.2.233>.
- Patgiri, P., **Sanjay-Swami** and Singh, S. (2024). New soil test protocol for potentially available phosphorus in organic acidic soils. *Journal of Soil and Water Conservation, India*, 23(2): 209-215. ISSN: 0022-457X. DOI: 10.5958/2455-7145.2024.00025.7.
- Sanjay-Swami** and Patgiri, P. (2024). Nutrient management under organic production system in hill/mountain regions. *Grassroots Journal of Natural Resources* 07(2): 119-139. ISSN: 2581-6853. Doi: <https://doi.org/10.33002/nr2581.6853.070206>.
- Kumar, T.S., Sumathi, V., Reddiramu, Y., Satya, M.S.S.C. and **Sanjay-Swami** (2024). Phosphorus uptake of groundnut under high density plantation with graded levels of phosphorus. *Journal of Environmental Biology*, 45(3): 330-337. ISSN: 0254-8704. NAAS: 6.60 (2024), DOI: <http://doi.org/10.22438/jeb/45/3/MRN-5212>.
- Sanjay-Swami** and Bordoloi, P. (2024). Organic farming: A way towards maintaining soil health, improving crop productivity and livelihood security of tribals in NE India. *Indian Journal of Agriculture and Allied Sciences* 10(1): 68-76. ISSN: 2395-1109. NAAS: 3.99 (2024).
- Patgiri, P., **Sanjay-Swami** and Yumnam, V. (2024). Extracting insoluble inorganic phosphorus from organic farm soils in mountains: Identifying effective organic acid extractants. *Grassroots Journal of Natural Resources* 07(1): 66-80. ISSN: 2581-6853. Doi: <https://doi.org/10.33002/nr2581.6853.070104>.
- Karnakar, A., Singh, A.K., Ram, V., Ray, L.I.P. and **Sanjay-Swami** (2024). Growth parameters and yield attributes as influenced by split application of nitrogen on wheat in acidic soils of Meghalaya. *International Journal of Research in Agronomy*, 7(2): 146-149. ISSN: 2618-0618. DOI: <https://doi.org/10.33545/2618060X.2024.v7.i2c.297>.

- Momin, T.G., Ray, L.I.P., Singh, A.K., **Sanjay-Swami**, Singh, N.J., Kurkalang, S.M. and Singh, T.D. (2024). Agro-economic evaluation of sweet corn under varied dates of sowing and integrated nutrient regimes in mid altitude of Meghalaya. *AMA-Agricultural Mechanization in Asia, Africa and Latin America*, 55(1): 16969-16983. ISSN: 0084-5841. NAAS: 6.30.
- Singh, T.D., **Sanjay-Swami**, Singh, N.J., Singh, A.K., Ray, L.I.P., Maurya, R., Singh, L.M., Kurkalang, S.M. and Momin, T.G. (2023). Exploring vermicomposting potential: A comparative study of exotic and indigenous species for sustainable waste management. *AMA-Agricultural Mechanization in Asia, Africa and Latin America*, 54(9): 16169-16178. ISSN: 0084-5841. NAAS: 6.30.
- Satya, M.S.S.C., **Sanjay-Swami**, Singh, N.J. and Ray, L.I.P. (2023). Prerequisites for development of targeted yield equation through soil test crop response approach. *AMA-Agricultural Mechanization in Asia, Africa and Latin America*, 54(8): 15339-15349. ISSN: 0084-5841. NAAS: 6.30.
- Mohanty, S., **Sanjay-Swami**, Singh, N.J., Singh, A.K. and Ray, L.I.P. (2023). Characterization of soils under Zabo farming system of Nagaland. *Biological Forum: An International Journal*, 15(9): 392-396. ISSN: 0975-1130 (P), 2249-3239 (E). NAAS: 5.11.
- Singh, S., **Sanjay-Swami**, Gogoi, J., Dwivedi, D.K., Turkar, G.P., Tamang, B. and Borah, S.K. (2023). Effect of biochar-mediated treatments on the improvement of soil acidity, crop performance and soil properties. *AMA-Agricultural Mechanization in Asia, Africa and Latin America*, 54(4): 13575-13603. ISSN: 0084-5841. NAAS: 6.30. DOI: 10.5281/zenodo.8157837.
- Devi, T.I., Ray, L.I.P., Swetha, K., Jyothi, K.S., Ram, V. and **Sanjay-Swami** (2023). Performance of potato with organic mulches in Meghalaya. *Indian Journal of Hill Farming*, 36(1): 153-159. ISSN: 0970-6429. NAAS: 5.04. DOI: 10.56678/iahf-2023.36.01.19.
- Saikanth, D.R.K., Gawande, V., Chaithanya, G., Mishra, S., **Sanjay-Swami**, Singh, B.V. and Kumar, H.M.P. (2023). Development and current state of nanotechnology in agricultural and food sectors: A review. *International Journal of Environment and Climate Change*, 13 (9): 1602-1612. DOI: 10.9734/IJECC/2023/v13i92392. ISSN: 2581-8627. NAAS: 5.16
- Yami, B., Singh, N.J., Handique, B.K. and **Sanjay-Swami** (2023). Mapping and monitoring of soil organic carbon using regression analysis of spectral indices. *Current Science*, 124 (12): 1431-1444. DOI: 10.18520/cs/v124/i12/1431-1444. ISSN: 0011-3891. NAAS: 7.17
- Sanjay-Swami** (2023). Innovative soil-crop management systems for climate smart sustainable agriculture. Editorial. *Journal of Environmental Biology*, 44 (3): i-ii. DOI: <http://doi.org/10.22438/jeb/44/3/Editorial>. P-ISSN: 0254-8704, e-ISSN: 2394-0379.
- Maurya, A. and **Sanjay-Swami** (2023). Yield and nutrient uptake of rapeseed (*Brassica campestris* var. *toria*) as influenced by phosphorus sources and levels in acidic soils of Meghalaya. *Agricultural Science Digest*, 43(1): 46-50. DOI: 10.18805/ag.D-5420. ISSN: 0253-150X (Print), 0976-0547 (Online). NAAS: 4.75.
- Jyothi, K.S., Ray, L.I.P., Swetha, K., Devi, T.I., Singh, A.K., **Sanjay-Swami** and Pandey, P.K. (2022). Maize cultivars performance and estimation of effective rainfall during

- rainy season under mid hills of Meghalaya. *Indian Journal of Hill Farming*, 35(2): 184-191. ISSN: 0970-6429. NAAS: 5.04.
- Yumnam, V. and **Sanjay-Swami** (2022). Performance of Lakadong turmeric (*Curcuma longa* L.) under integrated application of farm yard manure, vermicompost and chemical fertilizers. *Biological Forum – An International Journal*, 14(3): 515-520. ISSN: 0975-1130 (P), 2249-3239 (E). NAAS: 5.11.
- Deka, T. and **Sanjay-Swami** (2022). Development of organic nutrient management package for black turmeric (*Curcuma caesia* Roxb.) for higher yield in acidic soil. *The Pharma Innovation Journal*, 11(7): 2507-2510. ISSN: 2277-7695 (E), 2349-8242 (P). NAAS: 5.23.
- Satya, M.S.S.C. and **Sanjay-Swami** (2022). Interactive effect of phosphorus and boron on their temporal soil availability under black gram [*Vigna mungo* (L.) Hepper] cultivation and nodulation in acid Inceptisol. *Legume Research: An International Journal*, DOI: 10.18805/LR-4877. NAAS: 6.59.
- Sanjay-Swami** (2022). Water-energy-food nexus: A way forward for food security and sustainable agriculture. Editorial. *Acta Scientific Agricultural*, 6(7): 1-2. ISSN: 2581-265X. Impact Factor: 1.014
- Gupta, R., **Sanjay-Swami**, Kumar, R., Sharma, P.K. and Jamwal, S. (2022). Impact of row ratio and soil fertility management strategies on performance of wheat + linseed intercropping system. *Agricultural Science Digest*, DOI: 10.18805/ag.D-5446. ISSN: 0253-150X (Print), 0976-0547 (Online).
- Kumari, K., Singh, Y.V., **Sanjay-Swami**, Singh, P., Vishwakarma, S.P., Shukritte and Sharma, S. (2021). Soil test based fertilization recommendations of economics and nutrient composition of mustard on Inceptisol. *Journal of Experimental Biology and Agricultural Sciences*, 9 (Spl-3-NRMCSSA_2021): S358-S363. DOI: [http://dx.doi.org/10.18006/2021.9\(Spl-3-NRMCSSA_2021\).S358.S363](http://dx.doi.org/10.18006/2021.9(Spl-3-NRMCSSA_2021).S358.S363). ISSN: 2320-8694.
- Sanjay-Swami** (2021). Yield and micro nutrient uptake of rapeseed (*Brassica campestris* var. *toria*) under graded doses of rock phosphate and single super phosphate in acidic soils. *Biological Forum – An International Journal*, 13(3): 466-475. ISSN: 0975-1130 (Print), 2249-3239 (Online).
- Satya, M.S.S.C. and **Sanjay-Swami** (2021). Nutrient uptake by black gram (*Vigna mungo* L. Hepper) as influenced by phosphorus and boron fertilization in acid Inceptisol of Meghalaya. *International Journal of Agricultural and Applied Sciences*, 2 (1): 118-122. ISSN: 2582-8053. DOI: <https://doi.org/10.52804/ijaas2021.2112>.
- Sanjay-Swami** and Yadav, O.S. (2021). Soil properties as influenced by biochar application under integrated nutrient management in acid Inceptisol of Meghalaya. *Journal of Natural Resource Conservation and Management*, 1(2): 104-111. ISSN: 2582-9211.
- Sanjay-Swami** (2021). Integrated management of land, water and bioresources for sustainable agriculture in North Eastern Region of India. *Grassroots Journal of Natural Resources*, 4 (2): 136-150. E-ISSN: 2581-6853, DOI: <https://doi.org/10.33002/nr2581.6853.040210>.

- Tamang, B. and **Sanjay-Swami** (2021). Temporal availability of phosphorus and sulphur in acid Inceptisol as influenced by graded application of P and S under black gram (*Vigna mungo* L. Hepper) production. *Legume Research: An International Journal*, 44 (5): 608-612. Print ISSN: 0250-5371 / Online ISSN: 0976-0571, DOI: 10.18805/LR-4127.
- Satya, M.S.S.C. and **Sanjay-Swami** (2021). Yield and yield attributes of black gram (*Vigna mungo* L. Hepper) as influenced by phosphorus and boron in acid Inceptisol. *International Journal of Agricultural and Applied Sciences*, 1 (2): 73-78. ISSN: 2582-8053. DOI: <https://doi.org/10.52804/ijaas2020.1211>.
- Satya, M.S.S.C. and **Sanjay-Swami** (2021). Performance of black gram (*Vigna mungo* L. Hepper) under phosphorus and boron fertilization in acid Inceptisol of Meghalaya. *Journal of Environmental Biology*, 42 (2): 534-543. DOI: [http://doi.org/10.22438/jeb/42/2\(SI\)/SI-281](http://doi.org/10.22438/jeb/42/2(SI)/SI-281). P-ISSN: 0254-8704, e-ISSN: 2394-0379.
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