



September 2022 Newsletter



Publications

- **Rawat, S., Ganapathy, A., Agarwal, A.,** 2022. Drought characterization over the Indian sub-continent using GRACE-based indices. *Sci. Rep.* 12, 15432. <https://doi.org/10.1038/s41598-022-18511-2>
- **Ganapathy, A., Agarwal, A.,** 2022. Customized sea-surface temperature indicators are linked to streamflow at different timescales. *Int. J. Climatol.* <https://doi.org/10.1002/joc.7853>

Projects

- A project proposal on “Development of omniphobic nanofibrous membrane for hybrid adsorbent-membrane distillation technology to achieve nearly zero liquid discharge and resources recovery from seawater brine waste” has been approved for funding under the Start-up Research Grant (SRG), Science and Engineering Research Board (SERB), DST, India. **PI: Prof. Bhaskar Jyoti Deka**
- A project proposal on “*Development of advanced nanocomposite proton exchange membrane based fuel cells suitable for automobile applications*” has been approved for funding by Schaeffler India. **Co-PI: Prof. Bhaskar Jyoti Deka**

Lectures Delivered

- **Prof. Brijesh K Yadav** delivered a conference talk on “Managed Aquifer Recharge in (semi)-arid regions of India” on September 23, 2022, during the national Conference (ECO 2022) on Air, Water and Soil held by J C Bose University of Science and Technology, YAMCA, Faridabad during 23-24 September 2022.

Awards and Achievements

- Mr. Shubham Tiwari (PhD Scholar) has received a conference grant to participate in the Water Security and Climate Change (WSCC2022) from 1-3 December 2022 at AIT, Thailand. The grant will cover all expenses, including registration fees, round trip airfare, airport transfer, visa fee, and accommodation.
- Mr. Gaurav Vaghela (PhD Scholar) has received an Excellent abstract award with international travel support to participate in the South Asian Water Water Environment (SAEWE-13) from 13-15 December 2022 in Bangkok, Thailand.
- Prof. Ankit Agarwal received the DAAD Research Ambassador title in an orientation meeting on 18–20 September 2022 at the German Embassy in New Delhi.
