



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY
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Ph.D Supervisor Details

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| 1. Name of the Faculty: | Dr. R N Devendra Kumar |
| 2. Designation: | Associate Professor |
| 3. Department: | Computer Science and Engineering |
| 4. Anna University Ref. No. for Supervisor Recognition: | 4140085 |
| 5. Title of Ph.D. Thesis: | ANALYSIS OF MOLECULAR LEVEL BIOMEDICAL EVENT TRIGGER EXTRACTION USING AUTOMATED DEEP LEARNING DETECTION MODEL |
| 6. Faculty in which Ph.D was awarded: | Information and Communication Engineering |
| 7. Area of Specialization in Ph.D: | Bio- Medical Engineering |
| 8. Year of Ph.D Completion: | 2021 |
| 9. Year of got Supervisor Recognition: | 2022 |



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10. List of Journals papers published:

| Sl. No. | Author's | Title of the Paper | Name of the Journal | URL of the Journal Home Page | Volume, Issue no & Year of Publication | ISSN No. | DOI No. |
|---------|--|---|--|---|--|-----------|---|
| 1. | RN Devendra Kumar C Arvind K Srihari | Extraction of the molecular level biomedical event trigger based on gene ontology using radial belief neural network techniques | Biosystems | https://www.sciencedirect.com/science/article/abs/pii/S0303264720301878 | Volume: 199, 2021 | 0303-2647 | https://doi.org/10.1016/j.biosystems.2020.104313 |
| 2. | R.N. Devendra Kumar, Arvind Chakrapani, Srihari Kannan | Design and analysis on molecular level biomedical event trigger extraction using recurrent neural network-based particle swarm optimisation for COVID-19 research | International Journal of Computer Applications in Technology | https://www.inderscienceonline.com/doi/abs/10.1504/IJCAT.2021.120459 | Vol. 66, 2022 | 0952-8091 | https://doi.org/10.1504/IJCAT.2021.120459 |
| 3. | RN Devendra Kumar, K Srihari, C Arvind, Wattana Viriyasitavat | Biomedical event extraction on input text corpora using combination technique based capsule network | Sādhanā | https://link.springer.com/article/10.1007/s12046-022-01978-0 | Vol.47, 2022 | 0973-7677 | https://doi.org/10.1007/s12046-022-01978-0 |



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11. Ph.D Research Scholars Details:

| Sl.No | Reg. No | Name | Faculty | Reg. Year | Present Status | If completed, Year of Completion | Title of Thesis | No. of Journals Published | Thesis Copy* |
|-------|-------------|---------------|---------|-----------|-----------------------|----------------------------------|-----------------|---------------------------|--------------|
| 1. | 23244697156 | Parameswari P | ICE | 2023 | Course Work Completed | - | - | - | - |
| 2. | 24224697133 | Shamilie M | ICE | 2024 | Course Work | - | - | - | - |