

## Swarup Ranjan Behera

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CONTACT INFORMATION	F-1, Brahmaputra Hostel IIT Guwahati, Guwahati-781039	+919439872747 b.swarup@iitg.ac.in																		
RESEARCH INTERESTS	I am interested in the research work related to machine learning, data mining and application of these techniques. In particular <b>short text mining</b> and <b>sport data mining</b> .																			
EDUCATION	<b>Indian Institute of Technology Guwahati</b> , Guwahati, India  <b>Ph.D.</b> , Computer Science and Engineering, July 2015 - Present <ul style="list-style-type: none"><li>Thesis Title: <i>Mining Strengths and Weaknesses of Cricket Players Using Short Text Commentary</i>.</li><li>Supervisor: Dr. V. Vijaya Saradhi</li></ul> <b>M.Tech.</b> , Computer Science and Engineering, <b>7.99</b> CPI, July 2013 - June 2015 <ul style="list-style-type: none"><li>Thesis Title: <i>Spectral Clustering Using Convex and Constrained Settings</i>.</li><li>Supervisor: Dr. V. Vijaya Saradhi</li></ul> <b>Veer Surendra Sai University of Technology, Burla</b> , Odisha, India  <b>B.Tech.</b> , Computer Science and Engineering, <b>8.30</b> CPI, July 2008 - June 2012 <ul style="list-style-type: none"><li>Thesis Title: <i>A Novel Ontology Based Entity Relationship Model</i>.</li><li>Supervisor: Dr. Rakesh Mohanty</li></ul>																			
TEACHING EXPERIENCE	<b>Teaching Assistant, IIT Guwahati, July 2013 - Present</b> <table><tr><td>Database Lab</td><td>Spring 2015, 2016, 2020</td></tr><tr><td>Computing Lab</td><td>Spring 2017, 2018, 2019</td></tr><tr><td>Software Engineering</td><td>Fall 2018, 2019</td></tr><tr><td>Design and Analysis of Algorithms</td><td>Fall 2017</td></tr><tr><td>Computer Vision using Machine Learning</td><td>Fall 2016</td></tr><tr><td>Discrete Mathematics</td><td>Fall 2015</td></tr><tr><td>Data Structures Lab</td><td>Fall 2014</td></tr><tr><td>Probability and Linear Algebra</td><td>Spring 2014</td></tr><tr><td>Data Communication</td><td>Fall 2013</td></tr></table>		Database Lab	Spring 2015, 2016, 2020	Computing Lab	Spring 2017, 2018, 2019	Software Engineering	Fall 2018, 2019	Design and Analysis of Algorithms	Fall 2017	Computer Vision using Machine Learning	Fall 2016	Discrete Mathematics	Fall 2015	Data Structures Lab	Fall 2014	Probability and Linear Algebra	Spring 2014	Data Communication	Fall 2013
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SKILLS	C, Python, R, MATLAB, SQL, Statistics, Machine Learning.																			
PUBLICATION	<b>S. R. Behera</b> and V. S. Vedula, <i>Mining Temporal Changes in Strengths and Weaknesses of Cricket Players Using Tensor Decomposition</i> , In proceedings of the 28th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN), Bruges, Belgium, 2020.  <b>S. R. Behera</b> , P. Agrawal, A. Awekar and V. S. Vedula, <i>Mining Strengths and Weaknesses of Cricket Players Using Short Text Commentary</i> , 2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA), Boca Raton, FL, USA, 2019, pp. 673-679, doi: 10.1109/ICMLA.2019.00122.																			
COMMUNITY SERVICES	<b>Program Committee Member:</b> ECML-PKDD 2020 <b>Reviewer:</b> IEEE VIS 2020 <b>Volunteer:</b> ICVGIP 2016																			

## ACHIEVEMENTS

### Grants and Fellowships

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|-------------------------------------------------|-----------------------|
| • MHRD Government of India Fellowship for PhD   | July 2015 - June 2019 |
| • MHRD Government of India Fellowship for MTech | July 2013 - June 2015 |
| • Odisha State Government Scholarship for BTech | July 2008 - June 2012 |
| • National Rural Talent Scholarship             | July 2001 - June 2004 |
| • Primary Scholarship                           | July 1998 - June 1999 |
| • Elementary Scholarship                        | July 1996 - June 1997 |

### Academic

- Attended the ICVGIP conference 2016 at IITG.
- Completed national workshop on GPU programming and applications 2014, at IITG.
- All India Rank 696 in Graduate Aptitude Test in Engineering (GATE-2013).
- Secured third position in codezam, in Srujan 2011 at VSSUT, Burla.

### Extra Curricular

- Organized Advaya 2015, PG cultural festival at IITG.
- Technical officer in the student gymkhana council 2014-2015 at IITG.
- Best departmental act award in Advaya 2014, PG cultural fest. at IITG.
- Gold medal for short movie making in Film Festival 2012 at VSSUT, Burla.

## REFERENCES

### Dr. Vijaya V. Saradhi, Ph.D

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### Dr. Rakesh Mohanty, Ph.D

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