Guidelines for Authors

Authors should submit their papers in double column, 1.5 line spacing, 12 points, Times New Roman font, in A4 format. Max. No. of pages – 6. The first page includes the Paper title, authors' name, Affiliation, E-mail addresses and Phone numbers.

Submissions to sebir2016@nitt.edu, and blsundar@nitt.edu

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Students/Research Scholars	Rs.1800/-
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SeBIR 2016
National Conference on
"Semantics Based Information Retrieval"
Department of Computer Applications,
NIT Trichy-620 015.

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Important Dates
Submission of full paper   : 26ᵗʰ Apr 2016
                                       11ᵗʰ May 2016
Notification of Acceptance:11ᵗʰ May 2016
                                       20ᵗʰ May 2016
Deadline for Registration   : 22ⁿᵈ May 2016
Conference Date   : 6ᵗʰ June 2016

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On

Semantics Based Information Retrieval (SeBIR 2016)

June 6, 2016

Department of Computer Applications

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The **National Institute of Technology** (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering to the needs of man-power in technology for the country. The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty-one disciplines of Science, Engineering & Technology besides M.S. (by Research) and Ph.D. in all the departments. The College has a total campus area of 800 acres. This includes good hostel facilities, Hospital, Post & Telegraph, Telecom Center, fully computerized State Bank of India (SBI) NIT branch with ATM facility, Bookstall, Reprographic Center, Canteen, Swimming pool and Co-op. Stores. It is located about 22 km from Tiruchurappalli Jn / Central Bus stand on the Trichy-Thanjavur Highway.

About the Department:

The Department of Computer Applications was established in the year 2004. It is one of the pioneering departments of the institution that offers Information Technology courses such as MCA and M.Sc.(Computer Science). It is committed to impart quality education in the areas of ICT, a field growing in leaps and bounds. The curriculum is so made that the course provides a good theoretical foundation through high quality teaching complemented by extensive practical training. It is dedicated to the mission of inculcating value-based, socially committed professionalism to the cause of overall development of students and society. The Department also offers Research programmes in various areas of ICT.

Theme of the Conference

Move from word based Information Retrieval (IR) Systems to content aware and context aware scenarios is predominating. . Here, Semantics plays a key role. To enable Semantics based IR, it is necessary to have mechanisms to extract semantic information from the documents, models to represent the information and solutions to make inferences about data. With the growth of internet enabled wearable gadgets and increasing use of smart phone, there is a need for using additional data by the Information Retrieval System designers. There is a need to interact with users and context is increasing. In this regard, the aim of this conference is to seek contributions on algorithmic aspects, modeling, evaluation, interface design etc. related to IR. SeBIR 2016 aims to bring together researchers, scientists, engineers from institutions and industry to share and contribute research results and bring forth the solutions to current issues.

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Topics of interest include but not limited to the following:

- *Information Retrieval, Extraction, Filtering*
- *Question Answering*
- *Semantic Web*
- *Natural Language Processing*
- *Interaction Analysis and Processing*
- *Ontology, Linked Data*
- *Interface Design*
- *Personalization*
- *Context Aware Systems*
- *Content Delivery and Distribution*
- *Multimodal Interaction*
- *Data Intensive Applications*
- *Data Mining, Text Mining, Web Mining*
- *Web and Cloud Based Applications*
- *Social Networking*
- *Mobile Applications ,IoT , Multimedia, Healthcare, Education etc.*

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