



SREE VAAGESWARI EDUCATIONAL SOCIETY

# VAAGESWARI COLLEGE OF ENGINEERING

(Affiliated to JNTUH, Hyderabad.)

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## Screenshot of the facilities claimed with the name of HEI

### 1. Screenshots of the facilities – e-journals

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Date Relevance Subject Journals

IoT Based Remote Monitoring, Control, and Protection of Irrigation Water? Pumping System

Journal of Operation and Automation in Power Engineering; Vol 11, No 1, Apr 2023; PP: 69-75



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**DELNET**  
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 2022

**Access E-journals**

Sr.No.	Electronics & Communication Engineering
1.	AIMS Electronics and Electrical Engineering
2.	American Journal of Electrical and Electronic Engineering
3.	American Journal of Embedded Systems and Application
4.	FAI Endorsed Transactions on Industrial Networks and Intelligent Systems
5.	Electrical, Control and Communication Engineering
6.	Electronics
7.	Electronics Letters
8.	Facta Universitatis, Series: Electronics and Energetics
9.	IETI Journal on Communication Technology
10.	IEEE Open Journal of Power Electronics
11.	IEEE Open Journal of the Communications Society
12.	IEEE Open Journal of the Industrial Electronics Society
13.	IET Communications
14.	IET Optoelectronics
15.	IET Power Electronics
16.	IET Quantum Communication
17.	International Journal of Computer and Communication Engineering
18.	International Journal of Computers Communications & Control
19.	International Journal of Electrical and Electronic Engineering & Telecommunication
20.	International Journal of Electrical, Electronics and Data Communication(IJEEIC)
21.	International Journal of Electronics and Telecommunications
22.	International Journal of Engineering Research in Electronics and Communication Engineering
23.	International Journal of Wireless & Mobile Network (IJWMN)
24.	IOSR Journal of Electronics and Communication Engineering(IOSR-JECE)
25.	Iranian Journal of Electrical and Electronic Engineering
26.	ISETI Academic Journal of Electronics, Telecommunications and Computers
27.	IETE Journal of Education and Communication Technology
28.	Journal of Computer Systems, Networks and Communications
29.	Journal of Electronics and Information Science
30.	Journal of Electronics, Electromedical Engineering, and Medical Informatics
31.	Journal of ICT
32.	Journal of Information Systems and Telecommunication
33.	Journal of Internet Services and Applications
34.	Journal of Low Power Electronics and Applications
35.	Journal of Flexible Electronics
36.	Power Electronics and Drives
37.	Research Briefs on Information & Communication Technology Evolution
38.	Semiconductor Physics, Quantum Electronics & Optoelectronics
39.	Solid State Electronics Letters
40.	The African Journal of Information and Communication
41.	University of Sindh Journal of Information and Communication Technology

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*Mr. S. A. Principal*  
 Vaageswari College of Engineering  
 KARIMNAGAR



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## 2. Screenshots of the facilities – e-ShodhSindhu

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E-mail: s4.principal@gmail.com, Website: www.vgsek.ac.in

  
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### 3. Screenshots of the facilities – e-books

9:54 9:54

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DELNET E-book

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Semiconductors and Transistors

by Alexander Schure · J. F. Rider, 1951

The intent of this book is to present, discuss, and evaluate the important ideas relating to semiconductors and transistors. Through presentation of practical problems, the reader is



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Semiconductors and Transistors by Alexander Schure

Publisher: J. F. Rider 1951  
Number of pages: 145

Description:

The intent of this book is to present, discuss, and evaluate the important ideas relating to an understanding of the theory and characteristics of semiconductors and transistors. Through presentation of practical situations and problems, the reader is given an opportunity to apply the principles he has learned.

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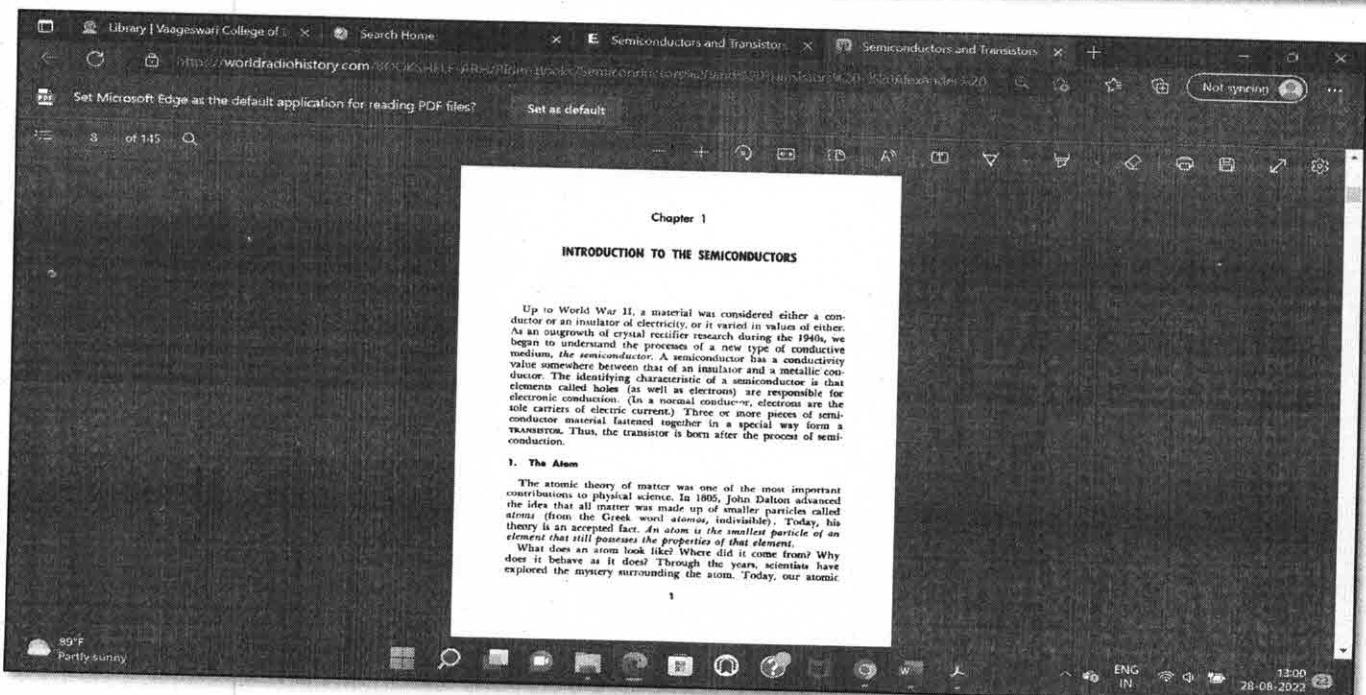
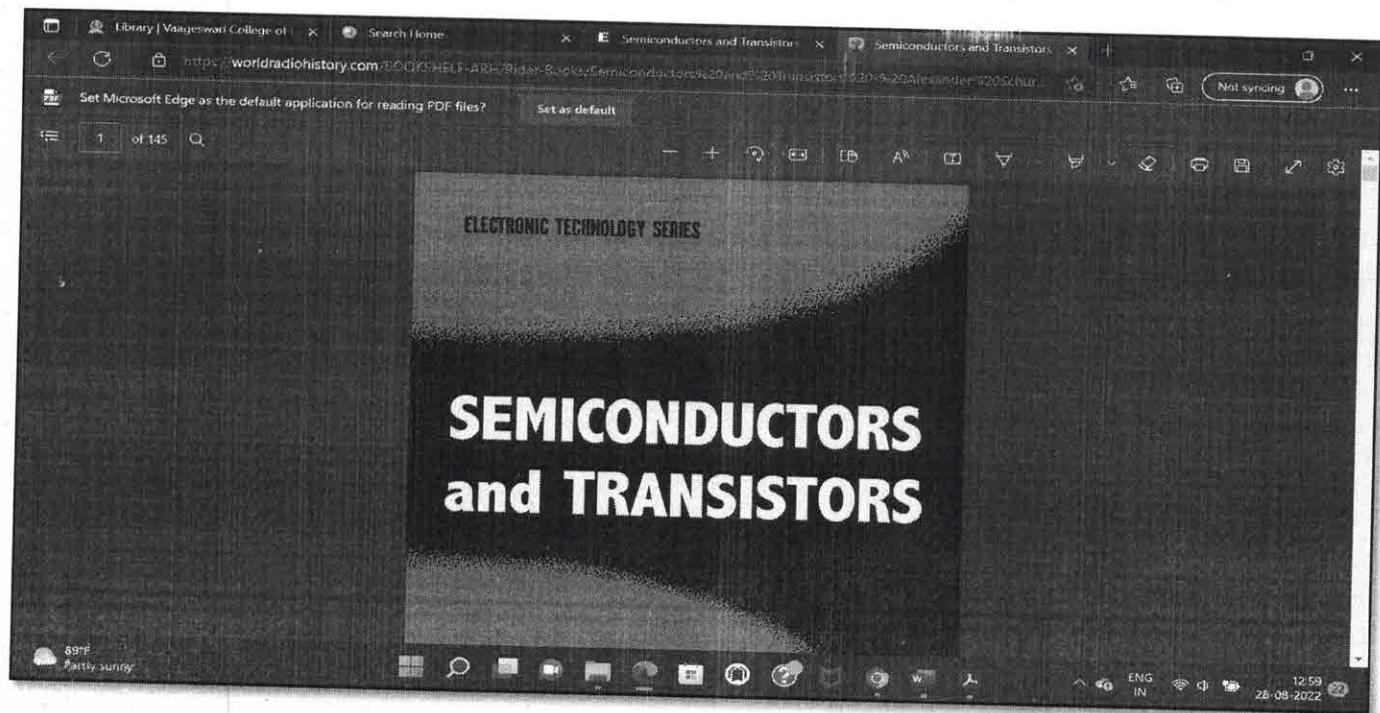
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Principal



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## 4. Screenshots of the facilities – Databases

The screenshot shows the homepage of the DELNET library system. At the top, there is a banner with the word 'WELCOME' in large, block letters. Below the banner, the DELNET logo is displayed, featuring a stylized gear and the word 'DELNET'. To the right of the logo, the text 'Institution: Vaageswari College of Engineering' is shown. On the left side of the page, there is an image of a stack of books and a computer mouse. A button labeled 'Click here to continue' is positioned next to the image. On the right side, there are links for 'About Us', 'Membership Form', and 'Feedback' (with the email address sangskul2003@yahoo.co.in). Below these links, a section titled 'Access Millions of Networked Library Resources through DELNET' lists the following statistics: '3,50,00,000+ Books available for loan', '1,00,000+ list of Journals', '5,000+ Full-text E-journals', and '1,00,000+ Thesis/Dissertations'. At the bottom of the page, a dark banner contains the text 'Providing Information Support Services to the Scholarly World'.

The screenshot shows the same DELNET library website as the previous one, but with a prominent 'HAPPY NEW YEAR 2022' banner at the top. The banner features a dark background with white text and a starburst effect. Below the banner, the search interface for 'DELNET Digital Library Resources' is visible, including fields for 'Search the DELNET Digital Library Resources', 'All Fields', 'Select Format', 'Find', and 'Advanced' search options. A message indicates that the membership will be active for 126 days and needs renewal. The 'Institution: Vaageswari College of Engineering' is also mentioned. At the bottom of the page, there are sections for 'Full-text Digital Library Resources', 'Knowledge Gainer Portal' (with a sub-note about access to full-text e-books, ejournals, e-articles, etc.), and 'Language Learning Portal' (with a sub-note about English and Foreign Languages). The bottom right corner of the screen shows a weather widget (89°F, Partly sunny), a system status bar, and a handwritten signature in the bottom right corner.



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### About Knowledge Gainer

Knowledge Gainer offers anytime and everywhere intuitive access and learning environment on a wide array of subjects in Engineering & Technology, Management, Medical Science, Pharmaceutical Science, Pure Sciences, Social Sciences, Arts & Humanities for Graduate and Post Graduate students including researchers and teachers. It gives access to 1,58,33,201 of resources including E-journals, E-books, Articles, Institutional Repositories content.

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Library | Vaageswari College of Engineering | Search Home | Integrating Sensor Ontologies | +

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## Wireless Communications and Mobile Computing

Journal overview For authors For reviewers For editors Table of Contents Special Issues

Wireless Communications and Mobile Computing / 2021 / Article

**On this page**

Abstract Introduction Conclusion Data Availability Conflicts of Interest Acknowledgments

**Special Issue**

**Applications of Semantic Mobile Computing in the Internet of Things and Web of Things**  
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**Integrating Sensor Ontologies with Global and Local Alignment Extractions**

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**Research Article | Open Access**  
Volume 2021 | Article ID 6625184 | <https://doi.org/10.1155/2021/6625184>

**Integrating Sensor Ontologies with Global and Local Alignment Extractions**

Xingsi Xue<sup>1,2</sup>, Xiaoming Wang<sup>2</sup>, Chao Jiang<sup>2</sup>, Qiaozhi Mao<sup>3</sup>, and Hai Zhu<sup>4</sup>  
Academic Editor: Chia-Hua Chen

Received: 21 Dec 2020 | Revised: 10 Jan 2021 | Accepted: 17 Jan 2021 | Published: 06 Feb 2021

**Abstract**  
In order to enhance the communication between sensor networks in the Internet of things (IoT), it is indispensable to establish the semantic connection between sensor ontologies. To this end, this paper proposes an up-and-coming sensor ontology integrating technique, which uses double matching. Double matching is a two-step ontology alignment from various alignments matched by different matchers. In particular, we use the global strength and local strength matchers to determine a correspondence's global factor, and update the support strength and diversity with the local factor. Finally, we use the global factor and local factor. Through comprehensively considering these two factors, the judgment factor is obtained. The judgment factor is obtained, which is further applied to extracting the final sensor ontology alignment. This paper also compares our method with the method proposed by the Ontology Alignment Evaluation Initiative (OAEI) and five real sensor ontologies. An experiment is used to assess the performance of our method. The comparing results with the most advanced ontology matching techniques show the robustness and effectiveness of our approach.

**3. Introduction**  
With the wide range of applications and distribution of wireless communication systems, especially about the fifth-generation (5G) networks, the update speed technology in the Internet of things (IoT) is advancing by leaps and bounds [1, 2]. The popularity of IoT is increasing rapidly, and it has a wide range of applications, which covers a wide range of applications [3–5]. As crucial components of IoT, sensor nodes are integrated with various sensors and associated devices, which depict plenty of heterogeneous sensing nodes for capturing environmental data. On the one hand, due to their key features, i.e., autonomy, ease of deployment, and self-configurable and effective energy management, the sensor

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## 5. Screenshots of the facilities – Remote access to e-resources

LIBRARY

**E-RESOURCES**

To learn the latest updates in the world, the best of library is the internet via DELNET network. To get latest e-journals, e-journals and e-books are remedy by using access as provided by the central library system. The database maintains list of books, list of bibliographies, e-books, e-journals and is regularly updated and new titles are added annually. The database also contains 20,208 union catalogues of periodicals, 1,64,260 Database of Periodical Article, 51,793 CD-ROM, 8,000 Videos, 10,38 e-books, 1,51,765 of them are online and accessible via the library website. [CLICK HERE TO ACCESS THE E-RESOURCES](#)

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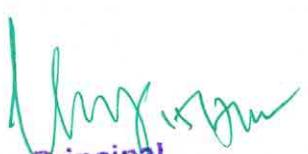
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**Providing Information Support Services to the Scholarly World**

  
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2.	American Journal of Electrical and Electronic Engineering		
3.	American Journal of Embedded Systems and Application		
4.	IET Endorsed Transactions on Industrial Networks and Intelligent Systems		
5.	Electrical Control and Communication Engineering		
6.	Electronics		
7.	Electronics Letters		
8.	Facta Universitatis, Series: Electronics and Energetics		
9.	ICTACT Journal on Communication Technology		
10.	IEEE Open Journal of Power Electronics		
11.	IEEE Open Journal of the Communications Society		
12.	IEEE Open journal of the Industrial Electronics Society		
13.	IET Communications		
14.	IET Optoelectronics		
15.	IET Plasma Physics		
16.	IET Quantum Communication		
17.	International Journal of Computer and Communication Engineering		
18.	International Journal of Computers Communications & Control		
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27.	IJB Journal of Information and Communication Technology		
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