

MEMORANDUM OF COLLABORATION



between

Politeknik Negeri Jember, Indonesia

&



Vaagdevi College of Engineering, Warangal, India

Wherein Politeknik Negeri Jember, Indonesia and Vaagdevi College of Engineering, Warangal, India (herein after referred to as both parties) recognize the need for and benefits of increased cooperation and communication within the international community of universities, are thankful to Dr. Nishu Gupta from Vaagdevi College of Engineering, Warangal, India and Mr. Hendra Yufit Riskiawan from Politeknik Negeri Jember, Indonesia, and:

Wherein both parties agree that it is desirable to establish between them a relationship which will encourage such cooperation and communication, and;

Wherein both parties desire to ensure that such a relationship will be mutually beneficial;

IT IS HEREBY AGREED as follows:

- 1 Both parties shall encourage the following activities to expand and promote their mutual interests:
 - (a) Exchange of students
 - (b) Exchange of faculty members
 - (c) Development of collaborative research and publication
 - (d) Development of joint conference
 - (e) Development of joint educational programs
- 2 Both parties agree that, before the initiation of any particular exchange and any other activity encompassed by this agreement, all financial arrangements concerning that particular exchange and collaborative activity shall be settled in detail.
- 3 This agreement shall come into effect upon the signature of the designated signatories of both institutions and will be automatically renewed every three years unless notice is given by either party to terminate the agreement.

In witness whereof, the parties hereto have signed



Mr. Saiful Anwar, MP
Director

Date: 27th October 2020

On behalf of
Vaagdevi College of Engineering, Warangal, India

Prof. K. Prakash
Principal

Date: 27th October 2020





AGREEMENT FOR STUDENT EXCHANGE
between
Politeknik Negeri Jember, Indonesia
&
Vaagdevi College of Engineering, Warangal, India



In support of the existing Memorandum of Collaboration between Politeknik Negeri Jember and Vaagdevi College of Engineering, Warangal India, an agreement on student exchange is hereby agreed as follows:

1. Eligibility

Undergraduate students can apply. All exchange students will have already completed at least one year of study at their home institution.

2. Number of Exchange Students

Each institution can send and accept no more than 7 students each year, however, this number is flexible based on the understanding that both institutions will strive to keep a reciprocal balance for the duration of the agreement. The host institution will make the final decision on the acceptance of each student.

3. Duration of Stay

The maximum stay for exchange students at the host institution will be one year.

4. Tuition Fees

Exchange students will be exempt from paying tuition fees to the host institution.

5. Other Expenses

Exchange students will be responsible for their expenses, including travel, accommodation, food, general living costs, and health care fees.

6. Status of Exchange Students

The host institution will accept exchange students as non-regular students who do not intend to obtain a degree from the host institution.

7. Study Program and Evaluation

Each exchange student will determine their study program at the host institution in consultation with academic advisors from both their home and host institutions. The academic performance will be evaluated according to the rules of the home or host institution as appropriate.

8. Accommodation

The host university shall make efforts to ensure that the students are assisted in finding adequate housing on or near the campus.

9. Term of Validity

This agreement will become effective from the date of the signatures below and will remain valid based on the terms in the main Agreement on Academic Exchange.

Mr. Saif Anwar, M.P.
Director
Politeknik Negeri Jember

Prof. K. Prakash
Principal
Vaagdevi College of Engineering,
Warangal, India



JOINT INTERNATIONAL ONLINE WORKSHOP – PYTHON FUNDAMENTAL - 17-22 Agustus 2020

ONE WEEK ONLINE INTERNATIONAL WORKSHOP &
FACULTY DEVELOPMENT PROGRAM ON
PYTHON FUNDAMENTALS
SERIES I

Speakers

PROF. RAKESH NAYAK
Professor, CSE Department
Vaagdevi Engineering College, Warangal, India

DR. NISHU GUPTA
Postdoctoral Fellow, Spain &
Asst. Prof, ECE Dept.
VCE Warangal, India

ERY SETIawan JILLEV ATMADII
Information Technology Department
State Polytechnic of Jember
Indonesia

PYTHON

AUG 17-22, 2020; Time: 4:30PM-6:00PM IST

Key Highlights

- Fundamentals of Python (for all branches)
- Introduction to NumPy & Matplotlib
- Quiz, Assignment and Online Test
- Flexibility of doubt clearance post program
- Opportunity to collaborate for joint research

Registration fee

Indian Participants: ₹200
Pay at 8009792446 using 

International Participants: \$5
Pay using paypal link
paypal.me/drnishugupta

Click on the link to register: <https://forms.gle/SnqriZA7XZF5JnCx6>  Scan to register

CONVENER

Dr. NISHU GUPTA (SM, IEEE)
Assistant Professor
Vaagdevi College of Engineering
Warangal, India
Email: nishugupta@ieee.org

HENDRA YUFIT RISKIawan
State Polytechnic of Jember
East Java
Indonesia
Email: yufit@polije.ac.id

 



JOINT INTERNATIONAL CONFERENCE CHAIR

Kerjasama Penyelenggaraan International Conference

EAI IC4S 2020 - EAI International Conference on Cognitive Computing and Cyber Physical Systems

December 4, 2020

<https://ic4s-conference.eai-conferences.org/2020/>



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EAI IC4S 2020 - EAI International Conference on Cognitive Computing and Cyber Physical Systems

December 4-4, 2020
N/A, Cyberspace

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**Late Track Deadlines –
updates!**

Full Paper Submission deadline

~~5 October 2020~~ 16 October
2020

Notification deadline

~~21 October 2020~~ 5 November
2020

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Vaagdevi College of Engineering, India & Postdoctoral Research Fellow, University of Oviedo, Spain

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C-DAC, Govt. of India, Pune, India

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Vocational College of Engineering, Warangal, INDIA

- Assoc. Prof. Nishu Gupta

Proposed Academic cum Research visit at Jember Polytechnic, Indonesia

6 messages

NISHU GUPTA <nishugupta@ieee.org>
To: Hendra Yufit Riskiawan <yufit@polije.ac.id>

Sat, Mar 7, 2020 at 8:16 AM

Dear Prof. Hendra,
Nice to get associated through Dr. Ahmad. From this point of time, let's try to carry things forward through mutual communication. Please share your expectations, requirements and how do you feel my visit would be fruitful to the students, research scholars and faculty of your department. I am attaching my detailed CV for your reference.

Thanking you
Nishu

----- Forwarded message -----

From: **Ahmad Hoirul Basori** <abasori@kau.edu.sa>
Date: Fri, Mar 6, 2020 at 12:02 PM
Subject: RE: Re: [Possible UCE] RE: Re: Re: Re: Proposal for 1 month research visit at KAU, SA
To: NISHU GUPTA <nishugupta@ieee.org>, Hendra Yufit Riskiawan <yufit@polije.ac.id> <yufit@polije.ac.id>

Dear Dr. Nishu

Thank you for agreeing into the plan. I think they can adapt to your preferred time table. I wish all the best for us and the polytechnic and can have fruitful research collaboration for publication in high impact journal.

I'm cc this email to Sir Hendra as Head of IT Department over there. You may contact him directly as well (yufit@polije.ac.id).

Best regards,

Ahmad Basori

Sent from [Mail](#) for Windows 10

From: [NISHU GUPTA](#)
Sent: Wednesday, March 4, 2020 9:39 AM
To: [Ahmad Hoirul Basori](#)
Subject: Re: [Possible UCE] RE: Re: Re: Re: Re: Proposal for 1 month research visit at KAU, SA

Dear Sir,

I am highly thankful to you for all the efforts you have made to let me collaborate with you/your colleagues. I appreciate the detailed plan. I accept the proposal of Visiting Faculty (Lecturer). I will arrange my flight tickets. I would take care very well of the assigned duties as mentioned.

Only change that I **may** like to have is reducing the trip to Two weeks-15 days instead of 3 weeks, if possible and little bit of shuffling in the dates (+/- 3-4 days).

If you wish and if it is possible, please associate me with the local faculty members (probably your colleagues) from the polytechnic so that we can plan out things in order to make my visit effective and fruitful.

Once again heartfelt thanks to you. I wish to visit you at KAU, SA soon as and when the opportunity comes.

Thanking you

Dr. Nishu Gupta

Postdoctoral Research Fellow

Systems for Multimedia and The Internet of Things (SMIOT) Group

Department of Informatics | University of Oviedo | Spain

& Senior Member, IEEE & IEEE Young Professionals,

Assistant Professor, ECE Department,

Chief Coordinator, Institute Innovation Cell (Under MHRD-IIC, Govt. of India),

Vaagdevi College of Engineering (Autonomous) | Warangal-506005

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<http://www.researcherid.com/rid/Q-3028-2016>

https://www.researchgate.net/profile/Nishu_Gupta

 [Resume_Dr. Nishu Gupta_Long.pdf](#)
331K

HENDRA YUFIT RISKIawan, S. KOM <yufit@polije.ac.id>

Tue, Mar 24, 2020 at 9:59 PM

To: NISHU GUPTA <nishugupta@ieee.org>

Cc: abasori@kau.edu.sa

Dear Prof. Nishu

I am very glad to know you and greatly appreciate your willingness to meet our plan. I apologize for being able to reply to your email. I am still waiting for the policies of our state universities leaders and ministries, regarding the impact of the 19th COVID outbreak in our country.

After getting the decision, I regret to inform you that the visiting lecturer activities that we had planned had to be postponed until an undetermined time and may not be implemented in 2020.

Once again I say my deepest gratitude. I really hope this activity can still be carried out next time soon as and when the opportunity comes.

Best Regards,
Hendra Y. Riskiawan

[Quoted text hidden]

NISHU GUPTA <nishugupta@ieee.org>

Wed, Mar 25, 2020 at 12:15 PM

To: "HENDRA YUFIT RISKIawan, S. KOM" <yufit@polije.ac.id>

Cc: Ahmad Hoirul Basori <abasori@kau.edu.sa>

Dear Prof. Hendra,
Namaste

Yes, I understand. The situation is very bad. Hope the world copes up fast. Even in India it is 100% lockdown. Govt. is very strict and is doing its best. We shall schedule the visit anytime later at a suitable time.

Meanwhile, what I believe/suggest is that we can initiate our research collaboration remotely. We can identify common areas of research interest and involve ourselves/teams/students to work upon them. It's easy, fast and jointly rewarding. Trending fields these days are SDN, Cloud-RAN, and edge/fog computing, deep learning, machine learning using (python, tensorflow, pytorch, etc.), supervised deep neural network, deep reinforcement learning, etc. etc. What I have mentioned are the technologies. We need to identify the platforms where these technologies shall be applied. For eg. I work on Vehicular Networks. So, for e.g., I will apply one of these technologies to address various issues related to Vehicular communication systems and networking. Likewise, we can identify platform(s) as well as technologies to work upon collectively. Please share your areas of research interest also. I am sure it will lead to high quality publications. My role would be more of a mentor rather than working myself on the paper. Our mode of communication can be anything like email, watsapp group, telegram, etc. We can share and edit the manuscript under preparation through google docs (if word file) and overleaf (if latex file). Please let me know about it.

Prof. Ahmad: I am personally highly thankful to you for all the coordination and efforts. It will prove to be fruitful one day. I would request you to be part of our joint collaboration as far as possible and feasible for the participating teams/Institutions. I would also like to invite you as well as Prof. Hendra (and your teams) to participate actively in EAI/Springer International Conference that I am organizing in Portugal this year in December. Will share more details soon.

Thanking you Professors
Stay in touch and take care of yourself with the ongoing pandemic.

Namaste
Nishu
[Quoted text hidden]
--
[Quoted text hidden]

HENDRA YUFIT RISKIAWAN, S. KOM <yufit@polije.ac.id>
To: NISHU GUPTA <nishugupta@ieee.org>

Wed, Apr 15, 2020 at 8:25 PM

Dear Prof. Nishu,

I warmly welcome your offering to initiate our research collaboration remotely. My research interests are on Data Science, Big Data, IoT, Deep Learning Model, etc. Common areas of my research at the moment are the application of technology in agriculture (IT for Agriculture), Precision agriculture system using simple robotics on the greenhouse, and some appropriate technology for community services. However, my scientific publications have not been too much, because I still have few experience on it. I hope I get a lot of research experience and guidance from you through this collaboration.

To facilitate and speed up communication, we can use Google Docs and WhatsApp Group. Let me invite my research team joining the communication media that we will create. Thank you for the opportunity given to me.

Warm regards,
Hendra Yufit Riskiawan
WhatsApp Number +6285649222290
[Quoted text hidden]

NISHU GUPTA <nishugupta@ieee.org>
To: "HENDRA YUFIT RISKIAWAN, S. KOM" <yufit@polije.ac.id>

Thu, Apr 16, 2020 at 8:18 AM

Dear Dr. Hendra,
It is good to read this email. Please form a good team and decide your target. Objectives may be different with different student groups so that multi-fold outcomes can be accomplished. I suggest the following (you decide the best) depending upon the local conditions, resources, etc.

By guiding Bachelor students: Publish article(s) in reputed International **Conferences**.
By guiding Master students: Publish article(s) in reputed **Scopus** Journals (which are free, not paid)
If you have Ph.D. students: Publish article(s) in reputed **SCI** Journals (which are free, not paid)

Please share more about the level of studies, tools that you have to perform simulation and funding opportunities (like conference registration fee, etc.) so that we can discuss more. I have saved your mobile number.

Best Wishes

Nishu

[Quoted text hidden]

Dr. Nishu Gupta

General Chair, IC⁴S, <http://ic4s-conference2020.eai-conferences.org/>

& Postdoctoral Research Fellow, (SMIOT) Group

Department of Informatics | University of Oviedo | Spain

& Senior Member, IEEE & IEEE Young Professionals,

Assistant Professor, ECE Department,

Chief Coordinator, Institute Innovation Cell (Under MHRD-IIC, Govt. of India),

Vaagdevi College of Engineering (Autonomous) | Warangal-506005

Telangana | INDIA | Phone: +91-9651508346

Alternate email id: nishugupta@ieee.org

[Quoted text hidden]

HENDRA YUFIT RISKIawan, S. KOM <yufit@polije.ac.id>

Thu, Apr 16, 2020 at 5:31 PM

To: NISHU GUPTA <nishugupta@ieee.org>

Dear Dr. NISHU

I hope that this email finds you well.

Thank you for adding me as Web Chair of **EAI International Conference on Cognitive Computing and Cyber**

Physical Systems (EAI IC⁴S 2020). It's an honour for me to be involved in this wonderful event. I do appreciate it.

I will do my best to make this conference successful.

I let you know that the level of study that I guide is Bachelor students. Meanwhile, speaking about tools and funding opportunities, it's possible for me to propose it to my institution or Education ministry of my country through the research grant.

Best wishes

Hendra Yufit Riskiawan

[Quoted text hidden]

CALL FOR CHAPTERS – CRC PRESS (TAYLOR & FRANCIS) – Machine Interaction and IoT Applications for a Smarter World

2 messages

NISHU GUPTA <nishugupta@ieee.org>
Bcc: yufit@polije.ac.id

Sat, Jan 23, 2021 at 1:12 PM

Dear Colleagues,

I hope this mail finds you in good health. I am in the process of editing one book on **"Machine Interaction and IoT Applications for a Smarter World"**. All the chapters of this book will be published by **CRC Press, Taylor & Francis Group**. There are **NO publication charges** for this book.

I solicit a book chapter from you in one of the topics mentioned in the attached CFC. If you are not working in this area, please circulate this CALL FOR CHAPTERS (attached with this mail) to your friends/colleagues.

Submission Procedure (Abstract Only):

Please submit your one-page write up (with an abstract of 200- 300 words and 6 keywords, name, affiliations and email ID of all contributors) of your chapter. Upon the acceptance of the proposal, further instructions for submission guidelines according to the CRC Press will be communicated.

Feel free to contact me for any queries. Looking forward to your contributions (**Only one-page write-up**).

Kind Regards,

Editorial Team

2 attachments



Flyer_Machine Interaction and IoT Applications for a Smarter World.JPG
330K

 **CFC_Machine Interaction and IoT Applications for a Smarter World.pdf**
194K

To: NISHU GUPTA <nishugupta@ieee.org>

Dear Dr. NISHU

Thank you very much for the information. I will shared this information to all faculty member in my department.

Best Regards,
Hendra Yufit Riskiawan

[Quoted text hidden]

CURRICULUM VITAE: Dr. NISHU GUPTA (SM, IEEE)

(Last Updated on: 05-SEP-2020)

E-mail id: nishugupta@ieee.org, dce.nishu@gmail.com

Mobile No. +91-9651508346

- ❖ **Conference Chair** at EAI/Springer International Conference on Cognitive Computing and Cyber Physical Systems ([IC⁴S 2020](#)) to be held during December 2-4, 2020 at Viana do Castelo, Portugal.
- ❖ Postdoctoral Research Fellow in the Department of Informatics, University of Oviedo, Spain in the research group on Systems for Multimedia and the Internet of Things (SMIOT).

(1) Personal Details

1. Full Name	:	Dr. NISHU GUPTA
2. Educational Qualification	:	B.Tech., M.Tech., Ph.D.
3. Date of Birth	:	06-12-1982
4. Overall Professional Experience	:	8.10 years (excluding Ph.D. & PDF)
4.1. Pre Ph.D. Teaching experience	:	2 years
4.2. Post Ph.D. Teaching experience	:	3.10 years
4.3. Industrial work experience	:	3 years
5. Father's and Mother's Name	:	Prof. K.M. Gupta and Mrs. Rita Rani Gupta
6. Present Designation & Employment	:	Assistant Professor, ECE Dept., Vaagdevi College of Engineering, Warangal, Telangana, India



(2) Academic Achievements Summary

(i) Patents filed	:	3 published
(ii) Research Projects	:	1 Funded Project from Nokia. 3 project proposals submitted to SERB/DST (Govt. of India)
(iii) Research Publications	:	38 + 2 under review
(a) In IEEE Transactions	:	1 under review
(b) In SCI Indexed Journals	:	13 + 1 under review
(c) In Scopus Indexed Journals	:	7
(d) In International Conferences	:	18
(iv) Reviewer of Journals/Book Chapters	:	19
(v) Conferences Chaired	:	3
(vi) Conferences Organized	:	3 (to be held)
(vii) Conferences Attended Abroad	:	8
(viii) Member of Professional Bodies	:	8
(ix) Book Publication	:	3 + 4 ongoing (1 with Springer, 2 with CRC Press: Taylor & Francis, and 1 with Scrivener/Wiley)
(x) Book Chapters	:	1 chapter published in Springer
(xi) Short Term Course Organized	:	5
(xii) FDP Organized	:	3
(xiii) Served in Conference Committees	:	7
(xiv) M.Tech. Thesis Guided	:	4 + 2 ongoing
(xv) B.Tech. Project Guided	:	17
(xvi) Honors and Recognition	:	15
(xvii) Invited Speaker	:	8
(xviii) Administrative/Academic Duties	:	7 at present and 19 served

Interested Research Areas: Augmented Intelligence, Deep Learning, Ad-Hoc Networks, Edge Computing, Vehicular Communication, Driving Behaviour Analysis, Cognitive Computing, Internet of Things, Internet of Vehicles, Man-Machine Interaction.

(3) Topic of Ph.D. Thesis: Mobility Aware Clustering Based MAC Protocol for Safety Message Dissemination in Vehicular Adhoc Network.

(4) Research & Academic Excellence

- (i) Submitted a project proposal as **Principal Investigator (PI)**, entitled "Sustainable Wheat Production under Adverse Climate Conditions (SUWPACC)" to DST, Govt. of India under International Cooperation (Bilateral) Division, CALL FOR INDIA-PORTUGAL JOINT PROPOSAL. Temporary Registration No.:TPN / 55854.
- (ii) **Acting as Conference Chair** at EAI/Springer International Conference on Cognitive Computing and Cyber Physical Systems (IC⁴S 2020) to be held during December 2-4, 2020 at Viana do Castelo, Portugal.
- (iii) **Acting as Organizing Chair** at International Conference on Computational Intelligence and Energy Advancements (ICCIEA-2020) to be held during December 12-13, 2020 in Web Format.
- (iv) **Acting as Organizing Chair** at International Conference on Smart Technologies in Communication and Computing (ICSTCC-2021) to be held during February 12-14, 2021 in Web Format.
- (v) Submitted a project proposal as **Principal Investigator (PI)**, entitled "*IoT based Wireless Sensor Network Simulator with 5G compatibility and enhanced connectivity features*" to SERB under CRG scheme, Govt. of India. File Number:CRG/2020/001968.
- (vi) Submitted a project proposal as **Co-Principal Investigator (Co-PI)**, entitled "*Prioritizing safety message dissemination in cognitive radio vehicular network for improved road safety: algorithm and hardware design*" to SERB under CRG scheme, Govt. of India. File Number : CRG/2020/002505.
- (vii) Invited by Nanyang Techhonological University (NTU) Singapore, world rank 11 for research visit and collaboration.
- (viii) **Potential Inventor of Nokia** for its Open innovation initiative "*Invent With Nokia*".
- (ix) Awarded **Best Presentation** at 2019 IEEE 4th International Conference on Computer and Communication Systems held at NTU Singapore on February 23-25, 2019.
- (x) Designated as **Conference Chair** at Global 2020 Congress on Networking and Communications, March 6-8, 2020, Athens, Greece.
- (xi) Designated as **Conference Chair** at 1st International Conference on Vehicular Systems, Networks and Technologies, 6-8 March 2020, Athens, Greece.
- (xii) **Applicant and Inventor** of Patent filed on June 21, 2019, **published** on the Government website of Indian Patent Office for an Invention entitled "*Rain Intensity Aware Self-Activating Wiper Enabled Smart Helmet*". Patent Application Number: 201941024837.
- (xiii) **Applicant and Inventor** of Patent filed on June 11, 2019, **published** on the Government website of Indian Patent Office for an Invention entitled "*Smart Alert System for Proactive Monitoring of Patient Medication*". Patent Application Number: 201941023096.
- (xiv) **Applicant and Inventor** of Patent filed on November 6, 2018, **published** on the Government website of Indian Patent Office for an Invention entitled "*Smart Communication Paradigm for Enhanced VehicularSafety*". Patent Application Number: 201841041997.
- (xv) Awarded Certificate for **Outstanding Contribution in Reviewing** by the Vehicular Communications, Elsevier, indexed in SCI in July 2018.
- (xvi) Awarded Certificate for **Outstanding Contribution in Reviewing** by the Journal Computer Networks, Elsevier, indexed in SCI in July 2017.

(5) Acting as Reviewer of International Journals

- (i) IEEE Access (SCI Indexed)
- (ii) IEEE Transactions on Intelligent Transportation Systems (SCI Indexed)
- (iii) IET Communications (SCI Indexed)
- (iv) KSII Transactions on Internet and Information Systems (SCI Indexed)
- (v) Computer Networks, Elsevier (SCI Indexed)
- (vi) Adhoc Networks, Elsevier (SCI Indexed)
- (vii) Vehicular Communication, Elsevier (SCI Indexed)
- (viii) Journal of Parallel and Distributed Computing, Elsevier (SCI Indexed)
- (ix) Ad Hoc & Sensor Wireless Networks, Old City Publishing (SCI Indexed)
- (x) International Journal of Numerical Modelling: Electronic Networks, Devices and Fields (SCI)
- (xi) China Communications (SCI Indexed)
- (xii) Journal of Organizational and End User Computing (JOEUC), IGI Global (SCI Indexed)
- (xiii) Journal of King Saud University-Computer and Information Sciences, Elsevier (ESCI Indexed)
- (xiv) SN Applied Sciences (SNAS), Springer (ESCI Indexed)
- (xv) SoftwareX, Elsevier (ESCI, Scopus Indexed)
- (xvi) International Journal of Electrical and Electronic Engineering & Telecommunications (Scopus)
- (xvii) The Open Transportation Journal, Bentham Open (Scopus Indexed)
- (xviii) EAI/Springer Innovations in Communications and Computing, by Springer International.
- (xix) Area Editor and Member of the Editorial Board, EAI Endorsed Transactions on Smart Cities.

(6) Employment Records (In reverse chronological order)

Teaching Experience: 5.10 years

Professional Experience: 3 years

Sl. No.	Designation held	Period	Name of Employer	Nature of Appointment	Duration
Post-Ph.D. Experience					
1	Assistant Professor	02.01.2018 to Till date	Vaagdevi College of Engineering, Warangal, India	Regular	2 years 8 months
2	Assistant Professor	11.08.2016 to 30.12.2017	Shri Ramswaroop Memorial University, Lucknow, India	Regular	1 year 4 months
Pre-Ph.D. Experience					
3	Visiting Faculty	25.07.2012 to 31.12.2012	MNNIT Allahabad, India	Contract	5 months
4	Assistant Professor (Adhoc)	30.01.2012 to 06.07.2012	National Institute of Technology Sikkim, India	Adhoc	5 months
5	Guest Faculty	25.07.2011 to 28.01.2012	MNNIT Allahabad, India	Contract	6 months
6	Lecturer	30.01.2009 to 28.08.2009	Noida Institute of Engineering and Technology, Greater Noida	Regular	8 months
7	Technical Associate	14.07.2008 to 19.12.2008	Tech Mahindra Limited, India	Regular	6 months
8	Software Engineer	26.12.2005 to 04.07.2008	Infosys Technologies Limited, India	Regular	2 years 6 months

(7) Academic Qualification

Academic qualification	Major Stream	Institute/ University	Division	Year
Postdoctoral Fellow (PDF)	Context aware and self-adaptive safe and efficient driving assistant	Systems for Multimedia and Internet of Things (SMIOT) Group, Dept of Informatics, University of Oviedo, Gijón Campus, Spain	NA	01 Feb 2019 till date
Ph.D.	Electronics and Communication	MNNIT Allahabad, India	1 st	2016
M. Tech.	Nanoscience and Technology	Delhi Technological University, Delhi, India	1 st	2011
B. Tech.	Electronics and Communication Engg.	BBDNITM, U.P. Technical University, Lucknow, India	1 st	2005
Intermediate	Maths Stream	Maharishi Patanjali Vidya Mandir, Allahabad, India	1 st	2000
High School	Maths Stream	Maharishi Patanjali Vidya Mandir, Allahabad, India	1 st	1998

(8) Book Publication

- (i) Book (edited) by Nishu Gupta, Arun Prakash, Rajeev Tripathi entitled “Internet of Vehicles and its Applications in Autonomous Driving” in press, to be published by Springer under the series “Unmanned System Technologies”, **ISBN: 978-3-030-46334-2**.
- (ii) Book (edited) by Nishu Gupta, Sara Paiva entitled “Role of IoT and ICT in Healthcare Applications” in press, published by EAI/Springer under the series “Innovations in Communications and Computing”, **ISBN: 978-3-030-42933-1**.
- (iii) Book (edited) by Nishu Gupta, Joel J.P.C. Rodrigues, Justin Dauwels entitled “*Augmented Intelligence Towards Smart Vehicular Applications*” to be published by CRC Press, Taylor & Francis Group, **ISBN: 978-0-367435462**.
- (iv) Book (edited) by Nishu Gupta, Mohammad Derawi, Jayden Khakurel and Anil Kr. Gupta entitled “Man Machine Interaction and IoT for Smart World” to be published by CRC Press, Taylor & Francis Group.
- (v) Book (2nd Ed.) by Nishu Gupta, entitled “*Advanced Electrical and Electronic Materials*” to be published by Scrivener Publishing/Wiley, USA.
- (vi) Book chapter by Sara Paiva, Nishu Gupta entitled “Technologies and Systems to Improve Mobility of Visually Impaired People: A State of the Art” published in a book titled “Technological Trends in Improved Mobility of the Visually Impaired” by EAI/Springer, Springer International. doi: 10.1007/978-3-030-16450-8, pp. 105-123. https://link.springer.com/chapter/10.1007/978-3-030-16450-8_5
- (vii) K.M. Gupta, Nishu Gupta, “Advanced Semiconducting Materials and Devices”, published by Springer International Publishing, Switzerland, ISBN: 978-3-319-19757-9, 2015. doi: <http://dx.doi.org/10.1007/978-3-319-19758-6>
- (viii) K.M. Gupta, Nishu Gupta, “Advanced Electrical and Electronics Materials: Processes and Applications”, published by both: Scrivener-Wiley, and John Wiley & Sons, the USA and Canada, ISBN: 978-1-118-99835-9, 2015. doi: <http://dx.doi.org/10.1002/9781118998564>

(9) Google Scholar Citation Index of Published Work (extracted from Google scholar)

- Citations: 1205; h-index: 17; i10-index: 31
- <https://scholar.google.co.in/citations?user=WaH3XCcAAAAJ&hl=en>

(10) Acting as Member of Professional Organization and Editorial Board

- (i) Senior Member, IEEE & IEEE Young Professional; Membership No. 93174157.
- (ii) European Alliance for Innovation (EAI), European Union, in publishing partnership with Springer.
- (iii) Institute of Doctors, Engineers and Scientists (IDES), Netherlands; Membership No. 5049.
- (iv) International Association of Computer Science and Information Technology (IACSIT), Singapore; Membership No. 80343817.
- (v) International Association of Engineers (IAENG), Hong Kong; Membership No. 183969.
- (vi) International Association of Advanced Materials (IAAM), Sweden; Membership No. 821261912403.
- (vii) Science and Engineering Institute (SCIEI), USA, Membership No. 20121008001.

(11) Faculty Development Program (FDP) Organized

- (i) **Organized as Convener** One Week International Online Workshop cum Faculty Development Program on “Python Fundamentals : Series I” during 17-22 August 2020, in association with State Polytechnic of Jember, East Java, Indonesia and Vaagdevi College of Engineering, Warangal, India.
- (ii) **Organized as Convener** One Week International Online Workshop cum Faculty Development Program on “*Implementation of Machine Learning, TensorFlow using Python and Interfacing IoT Devices*” during 25-30 June 2020, in association with Federal Institute of Maranhao, Brazil and Vaagdevi College of Engineering, Warangal, India.
- (iii) **Organized as Coordinator** One Week Online Faculty Development Program on “*Scilab*” in Association With IIT Bombay (Remote Learning Through Spoken Tutorial)” during 25-30 May 2020, Vaagdevi College of Engineering, Warangal.
- (iv) **Organized as Coordinator** Five days Faculty Development Program (FDP) on *Low Power Embedded Systems Design Using Texas Instruments Development Tools*” during March 10–14 2020 at ECE Department, Vaagdevi College of Engineering, Warangal.

(12) Short Term Courses Organized

- (i) **Organized as Coordinator** One month On Campus Internship & Project on Advanced Embedded Systems & Internet of Things (IOT)” during 24th Feb- 21st Mar, 2020 at ECE Department, Vaagdevi College of Engineering, Warangal.
- (ii) **Organized as Convener** “1st Student’s Project Innovation Contest in ECE” (SPICE-2019) on February 27, 2019 at ECE Department, Vaagdevi College of Engineering, Warangal.
- (iii) **Organized as Coordinator** “Two Day National Level Workshop on Electronic Circuits Simulation and Formatting Tools for Engineering Applications” on September 24-25, 2018 at ECE Department, Vaagdevi College of Engineering, Warangal.
- (iv) **Organized as Convener** Six days Short Term Training Course on “MATLAB PROGRAMMING: FROM INTRODUCTION TO ESSENTIALS” during March 25-31, 2017 at Institute of Technology, Shri Ramswaroop Memorial University, Lucknow.
- (v) **Organized as Convener** One week Short Term Training Program on “DESIGNING, SIMULATION AND MODELING OF ELECTRONIC CIRCUITS” during September 18-23, 2017 at Institute of Technology, Shri Ramswaroop Memorial University, Lucknow.

(13) Honors and Recognitions

1. Honoured as International Advisory Board member (Editorial Board) in International Journal of End-User Computing and Development (IJEUCD), IGI-Global, SCI Indexed.
2. Invited Speaker at Six Days Student's Workshop on IoT and Sensor Applications (WISA-2020), Feb 25-Mar 2, 2020, at Vaagdevi College of Engineering, Warangal.

3. Invited Speaker on "Artificial Intelligence and Its Applications in the Internet of Things", Nov. 8, 2019 at Vaagdevi College of Engineering, Warangal.
4. Invited Speaker at European Congress on Nanotechnology and Materials Science Engineering", May 13-14, 2019, Brussels, Belgium.
5. Invited Speaker at an event organized by IEEE Circuits and Systems Society Student Branch Chapter, VCE Warangal on "Quantum Dot Technology" on 5th January 2019 at Vaagdevi College of Engineering, Warangal.
6. Invited Speaker in Two Day National Level Workshop on Electronic Circuits Simulation and Formatting Tools for Engineering Applications during September 24-25, 2018 at Department of Electronics and Communication Engineering, Vaagdevi College of Engineering, Warangal.
7. Invited Speaker at an event organized by IEEE Hyderabad Section on "How to Write a Technical Paper" on October 6, 2018 at Vaagdevi College of Engineering, Warangal.
8. Invited Speaker at 20th World Summit on Nanotechnology and Expo (Nanotek-2018) during October 5-6, 2018 at Los Angeles, USA.
9. Invited Speaker at Conference on Wireless & Telecommunication during September 17-18, 2018 at Lisbon, Portugal.
10. Designated as Session Co-chair in the 15th International Conference on Wireless Networks and Mobile Systems (WINSYS 2018), Porto, Portugal, July 26-28, 2018.
11. Designated as Publicity Co-chair for the 8th International Conference on Advanced Materials Research (ICAMR 2018), Fukuoka, Japan, January 20-22, 2018.
12. Designated as Publicity Co-chair for the 7th International Conference on Advanced Materials Research (ICAMR 2017), Hong Kong, January 20-22, 2017.
13. Recipient of MHRD-Govt. of India 'Scholarship' during Ph.D. programme from July 2013 till Thesis submission in July 2016.
14. Designated as Program Co-chair for the 6th International Conference on Advanced Materials Research (ICAMR 2016), Torino, Italy, January 22-24, 2016.
15. Invited Speaker at 20th Annual International Conference on Composites or Nano Engineering, ICCE-20 Beijing, China, July 22-28, 2012.
16. Shortlisted for interview by ministry of HRD, Government of India for Commonwealth Scholarship/Fellowship Plan 2012, sponsored by Commonwealth Scholarship Commission, Government of the U.K.

(14) Technical Certifications/Workshops attended

1. **Qualified** "Python for Data Science", a course on cognitiveclass.ai powered by IBM Developer Skills Network, on July 15, 2020.
2. **Qualified** in Elite category 12 weeks NPTEL Online certification during 29 Jul. – 18 Oct. 2019 conducted by IIT Kharagpur, funded by MHRD, Govt. of India on "*Introduction to Internet of Things*".
3. **Qualified** 12 weeks NPTEL Online certification during 27 Jan. – 17 Apr. 2020 conducted by IIT Kharagpur, funded by MHRD, Govt. of India on "*Introduction to Industry 4.0 and Industrial Internet of Things*".
4. Attended One Day Workshop on "Arduino", on 8th Feb. 2020 organised by IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.
5. Attended Two-days Innovation ambassador training program for SCRO zone conducted by MIC-AICTE, at Hyderabad on 6th and 7th Feb. 2020.

(15) Subjects Taught

At U.G. Level

- 1. Principles of Communication 3. Nanotechnology 5. 4G Technology
- 2. Analog and Digital Communication 4. Computer Networks 6. Digital Electronics

At P.G. Level

- 1. Data Communication and Networking 2. Wireless MIMO Communication

Practical Classes engaged

- 1. Basic Electronics Lab 2. Analog Communication Lab
- 3. Digital Communication Lab 4. Data Communication & Networking Lab

(16) Conferences Attended Abroad

S.No.	Place/Country	Date of Conference	Conference Details
1.	Singapore	February 23-25, 2019	IEEE 4 th International Conference on Computer and Communication Systems, ICCCCS 2019.
2.	Hong Kong	January 20-22, 2017	7 th International Conference on Advanced Materials Research, ICAMR-2017.
3.	Bangkok, Thailand	April 8-10, 2013	International Conference on Nano and Materials Engineering, ICNME-2013.
4.	Dubai, UAE	January 18-19, 2013	3 rd International Conference on Advanced Materials Research, ICAMR-2013.
5.	Chengdu, China	May 5-6, 2012	3 rd International Conference on Material and Manufacturing Technology, ICMMT-2012.
6.	Pattaya, Thailand	December 17-18, 2011	International Conference (ICLTET'2011), organized by ISEM-Planetary Scientific Research Centre.
7.	Sarawak, Malaysia	December 01-03, 2010	3 rd International Conference on Solid State Science & Technology, ICSSST-2010.
8.	Singapore	March 06-08, 2005	IEEE International Workshop on Antenna Technology (IWAT-2005).

(17) M.Tech. Thesis Guided/Ongoing

S. No.	Title	Year	Student Name
1	Cooperative Communication based Data Dissemination in Cognitive Radio enabled Vehicular Ad-Hoc Network	2017	Anam Kamal
2	Enhancing Reliability in Cognitive Radio Enabled Vehicular Ad-Hoc Network Using Markov Chain Modeling	2017	Akhilesh Mishra
3	An energy-efficient task scheduling framework in Edge Computing-enabled Internet of Vehicles	2020	B. Saikrishna
4	Implementation and Evaluation of Artificial Intelligence based IoV System to Optimize Content Dissemination in for Real-Time Traffic	2020	R. Manaswini

(18) Administrative/Academic Duties Performed/Performing at Department/Institute Level

Present Institute

S.No.	Role	Function
1	Coordinator, Departmental Training and Placement	To expedite the overall training, internship, innovation and placement of the students of ECE Department
2	Chief Coordinator, Institute Innovation Cell	To lay the foundation for Incubation, Innovation, Start-Ups in the Institute
3	Project Coordinator, B.Tech., Final Year	Overall coordination and monitoring of B.Tech. Final Year mini/major Projects
4	Member, Departmental Patents Committee	To foster patent filings based on mini/major projects carried out by the students
5	Institute President, MHRD's Innovation Cell, (Govt. of India)	To enrich and disseminate MIC's initiatives
6	Institute Coordinator, Nodal Officer - ARIIA 2020, MHRD, Govt. of India	To coordinate, participate and improve Institutional ranking
7	Coordinator, Texas Instruments Innovation Cell	To coordinate with TI for various innovative projects and Internship

Previous Institute

S.No.	Role	Function
8	Member	Innovations and Best Practices, Steering Committee of IQAC constituted for NAAC Accreditation.
9	Member	Research, Consultancy and Extension Committee constituted for NAAC Accreditation preparation.
10	Member	Faculty Guest Lecture/Workshop/Industrial Visit Committee.
11	Member	Faculty Lab Committee.
12	Member	Faculty Supervision of Conduct of Theory and Practical Classes Committee.
13	Coordinator	Environment Club, SRMU Extra Co-curricular Activities Committee.
14	Coordinator	B.Tech. Final Year Project.
15	Coordinator	B.Tech. Summer Training.
16	Coordinator	M.Tech. II Year Seminar.
17	Course Coordinator	M.Tech. I Year, ECED.
18	Member	Organizing Committee, Annual Cultural Fest.
19	Reviewer	Programme Objectives and Learning Outcomes Committee.
20	Member	Ph.D. Student Research Advisory Committee.

21	Member	Education Camp and Study Tour, 2017.
22	Nominated Member	Board of Faculty, Institute of Technology.
23	Nominated Member	Board of Studies, Institute of Technology.
24	Member	Interview Committee, Faculty of Electronics & Communication Engineering, Institute of Technology.
25	Assistant Coordinator, Research and Consultancy	To assist the Director (Research and Consultancy) of the University in research related activities.
26	Nominated Member for NAAC from ECE Department	To expedite Research, Consultancy and Extension.

(19) Hobbies and Interests

1. Playing Table Tennis, Volleyball and Badminton
2. Listening to Songs and Ghazals
3. Adventure Sports
4. Travelling & Driving
5. Participating and Organizing Social Events and Academic Events

References

1. Dr. Arun Prakash (Ph.D. Supervisor)
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Electronics and Communication Engineering Department,
Motilal Nehru National Institute of Technology Allahabad
Prayagraj – 211004, Uttar Pradesh, India
Phone: +91-9794008282, Email-id: arun@mnnit.ac.in
2. Dr. Anil Kumar Gupta (Academic and Research Association)
Associate Director, HPCI & E Group,
Centre for Development of Advanced Computing (C-DAC),
C-DAC Innovation Park, Panchvati, Pashan, Pune -411008, India
Phone: ++91-8308587900, E-mail: anilg@cdac.in
3. Dr. Krishan Kumar
Associate Professor,
Electronics and Communication Engineering Department,
National Institute of Technology Hamirpur,
Himachal Pradesh, India
Phone: +91-9318811231, Email-id: krishan_rathod@nith.ac.in

Publications Details

Research Publications in SCI Indexed Journals

2020

1. Nishu Gupta et al., "Mobile Applications for Assessing Human Posture: A Systematic Literature Review" **published** in special Issue on eHealth and mHealth: Challenges and New Strategies in Information Exchange, Electronics, MDPI, vol. 9, issue 8, 2020. doi:[10.3390/electronics9081196](https://doi.org/10.3390/electronics9081196)
2. **Nishu Gupta**, Manaswini R., Saikrishna B., Ariel Soares Teles, Francisco José da Silva, "Authentication Protocol and Vehicular Model for Intelligent Transportation System" **published** in special Issue on Advances in Internet of Vehicles (IoV), Future Internet, MDPI, vol. 12, issue 4, no. 63, pp. 1-18. ISSN: 1999-5903, doi: <https://doi.org/10.3390/fi12040063>
3. Marcelino Silva, Ariel Soares Teles, Rafael Lopes, Francisco Silva, Davi Viana, Luciano Coutinho, **Nishu Gupta**, Markus Endler, "Neighborhood-aware Mobile Hub: An Edge Gateway with Leader Election Mechanism for Internet of Mobile Things" **published** in Mobile Networks and Applications, Springer, vol. 25, issue 5, 2020, doi: <https://doi.org/10.1007/s11036-020-01630-3>
4. Surjeet, P. Bhardwaj, **Nishu Gupta**, Raghavendra Pal "An Intelligent Scheme for Slot Reservation in Vehicular Ad Hoc Networks", **accepted** in China Communications.
5. R. Pal, **Nishu Gupta**, A. Prakash, R. Tripathi, Joel J.P.C. Rodrigues, "Deep Reinforcement Learning based Optimal Channel Selection for Cognitive Radio VANET" **accepted** in IET Communications.
6. Laura Pozuecoa, **Nishu Gupta**, Xabiel G. Pañedaa, Roberto García, Alejandro G. Tueroa, David Melendia, Abel Riondac and Víctor Corcobaa, "Analysis of Driving Pattern and Feedback based On-board Training for Pro-active Road Safety Monitoring" **under review** in IEEE Transactions on Human-Machine Systems.

2019

7. Rudra Pratap Ojha, Pramod Kumar Srivastava, Goutam Sanyal, Nishu Gupta, "Improved Model for the Stability Analysis of Wireless Sensor Network Against Malware Attacks" **accepted** in Wireless Personal Communications, Springer.
8. Surjeet, P. Bhardwaj, **Nishu Gupta**, "Ultra-Wideband Microstrip Bandpass Filtenna for Short Range Vehicular Applications at 5.9 GHz", **under review** in Wireless Personal Communications, Springer.

2018

9. Z. Hashim, **Nishu Gupta**, A. Prakash, R. Tripathi, "Dual-Band UWB Bandpass Filter with Triangular DB-DGS for WLAN Applications in DSRC Band" AEU-International Journal of Electronics and Communications, Elsevier, vol. 86, 2018, pp. 77-85. ISSN: 1434-8411, **Impact Factor 1.147**. doi: <https://doi.org/10.1016/j.aeue.2018.01.026>

2017

10. **Nishu Gupta**, A. Prakash, R. Tripathi, "Clustering based Enhanced Safety message Dissemination Medium Access Control Protocol for Vehicular Ad Hoc Network", Special Issue on Advances in Vehicular and Underwater Communication Networks, International Journal of Ad Hoc and Ubiquitous Computing, Inderscience Publishers, vol. 24, no. 1/2, 2017, pp. 76-89. doi: <http://10.1504/IJAHUC.2017.10001715> ISSN: 1743-8233, **Impact Factor 0.493**.
11. **Nishu Gupta**, A. Prakash, R. Tripathi, "Adaptive Beaconing in Mobility Aware Clustering-based MAC Protocol for Safety Message Dissemination in Vehicular Ad-Hoc Network", Wireless Communications and Mobile Computing, Hindawi Publishing Corporation-Wiley, vol. 2017, Article ID 1246172, 2017. doi: <https://doi.org/10.1155/2017/1246172> ISSN: 1530-8677, **Impact Factor 1.899**.
12. R. Pal, **Nishu Gupta**, A. Prakash, R. Tripathi, "Adaptive Mobility and Range Based Clustering Dependent MAC Protocol for Vehicular Ad-hoc Networks", Wireless Personal Communications, Springer, vol. 96, no. 1, September(1), 2017, pp. 1-16. doi: <https://doi.org/10.1007/s11277-017-4913-9> ISSN: 0929-6212, **Impact Factor 0.951**.

2016

13. **Nishu Gupta**, A. Prakash, R. Tripathi, "Clustering based Cognitive MAC Protocol for Channel Allocation to Prioritize Safety Message Dissemination in Vehicular Ad-hoc Network", *Vehicular Communications*, Elsevier, vol. 5, July 2016, pp. 44-54, ISSN: 2214-2096, **Impact Factor 5.108**.
doi: <http://dx.doi.org/10.1016/j.vehcom.2016.09.004>
14. **Nishu Gupta**, A. Prakash, R. Tripathi, "Mobility Aware Multihop Clustering based Safety Message Dissemination in Vehicular Ad-hoc Network", *International Journal of Computer Science and Information Security*, LJS Publisher and IJCSIS Press, vol. 14, no. 3, 2016, pp. 404-423.
doi: <https://dx.doi.org/10.6084/m9.figshare.3154039> ISSN: 1947 5500, **Impact Factor 0.553**.

2015

15. **Nishu Gupta**, A. Prakash, R. Tripathi, "Medium access control protocols for safety applications in Vehicular Ad-Hoc Network: A classification and comprehensive survey", *Vehicular Communications*, Elsevier, vol. 2, no. 4, October 2015, pp. 223-237, ISSN: 2214-2096, **Impact Factor 5.108**.
doi: <http://dx.doi.org/10.1016/j.vehcom.2015.10.001>

Research Publications in Scopus Indexed Journals

2017

16. **Nishu Gupta**, Z. Hashim, "Recent Trends and Applications of Materials used in Fabrication of Devices for Wireless Sensor Networks", *Materials Today*, Elsevier, vol. 4, 2017, pp. 10332–10335. doi: <https://doi.org/10.1016/j.matpr.2017.06.375> ISSN 2214-7853, **Impact Factor 24.537**.
17. **Nishu Gupta**, Z. Hashim, K.M. Gupta, "Novel Nanoscale Materials and Devices for Wireless Communication and Networking Applications", *Advanced Materials Research VII*, Key Engineering Materials, Trans Tech Publications, vol. 735, 2017, pp. 194-198. ISSN: 1662-9795.
doi: <https://dx.doi.org/10.4028/www.scientific.net/KEM.735.194>
18. **Nishu Gupta**, A. Prakash, R. Tripathi, "Mobility Dependent Clustering-based Data Delivery under Varying Vehicular Density and Transmission Rate in Vehicular Ad-Hoc Network", Special issue on Recent Advances of Computational Intelligence Techniques in Computer Network Modelling and Performance Optimisation, *International Journal of Advanced Intelligence Paradigms*, InderScience Publishers, vol. 9, no. 2/3, 2017, pp. 246-262. ISSN:1755-0386.
doi: <http://dx.doi.org/10.1504/IJAIP.2017.082986>

2015

19. **Nishu Gupta**, K.M. Gupta, P. Taivatiya, R. Garg, "Advances in Quaternary and Pentanary Semiconductors for Communication and Networking Applications", *Advanced Materials Research VI*, Key Engineering Materials, Trans Tech Publications, vol. 689, 2015, pp. 98-102. ISSN: 1662-9795.
doi: <http://dx.doi.org/10.4028/www.scientific.net/KEM.689.98>

2013

20. P. Tiwari, **Nishu Gupta**, K.M. Gupta, "Advanced Thermoelectric Materials in Electrical and Electronic Applications", *Advanced Materials Research III*, Trans Tech Publications, vol. 685, pp. 161-165, 2013, ISSN: 1662-9795. doi: <http://dx.doi.org/10.4028/www.scientific.net/AMR.685.161>
21. I. Bharti, **Nishu Gupta**, K. M. Gupta, "Novel Applications of Functionally Graded Nano, Optoelectronic and Thermoelectric Materials", *International Journal of Materials, Mechanics and Manufacturing*, Trans Tech Publications, vol. 1, no. 3, pp. 221-224, 2013, ISSN: 1793-8198.
doi: <http://dx.doi.org/10.7763/IJMMM.2013.V1.47>

2012

22. **Nishu Gupta**, K.M. Gupta, "Emerging Scope of Hybrid Solar Cells in Organic Photovoltaic Applications by Incorporating Nanomaterials" *Advanced Materials Research*, Trans Tech Publications, vol. 548, issue (2012), pp. 143-146, 2012, ISSN: 1662-9795.
doi: <http://dx.doi.org/10.4028/www.scientific.net/AMR.548.143>

Research Publications in Conferences

2020

23. R. Manaswini, B. Saikrishna, **Nishu Gupta**, "Architecture and Framework Enabling Internet of Vehicles Towards Intelligent Transportation System" **published in** Springer 3rd International Conference on Innovative Computing and Communication (ICICC-2020), February 21-23, 2020, New Delhi, India, pp. 973-984. ISBN: 978-981-15-5148-2 doi: [10.1007/978-981-15-5148-2_84](https://doi.org/10.1007/978-981-15-5148-2_84)

2019

24. **Nishu Gupta**, Surjeet, "Safety Enhanced MAC Protocol for IEEE 802.11p with Improved Performance Metrics" **published in** IEEE 3rd International Conference on Trends in Electronics and Informatics (ICOEI 2019), April 23-25, 2019, Tirunelveli, India, pp. 1343-1348. ISBN: 978-1-5386-9439-8. doi: [10.1109/ICOEI.2019.8862593](https://doi.org/10.1109/ICOEI.2019.8862593)
25. Saikrishna, **Nishu Gupta**, Shiva Prasad and Manaswini, "Enabling Efficient Broadcasting Through Authentication based MAC Protocol in Internet of Vehicles" **published in** Springer 2nd International Conference on Soft Computing and Signal Processing (ICSCSP), 2019, Hyderabad, June 21-22, 2019, pp. 699-709, vol.1118. ISBN: 978-981-15-2474-5. doi: [10.1007/978-981-15-2475-2_64](https://doi.org/10.1007/978-981-15-2475-2_64)
26. P. Raj Kumar, R. Malladi, **Nishu Gupta**, S. Paiva, "Computational Devices for Intelligent Vehicular Systems and Smart Networking" **published in** Springer 2nd International Conference on Communication, Devices and Computing (ICCDC), March 14-15, 2019, Haldia, India, ISBN: 978-981-15-0828-8. doi: [10.1007/978-981-15-0829-5](https://doi.org/10.1007/978-981-15-0829-5)
27. **Nishu Gupta** et al., "Modeling and Analysis of Antimalware Effect on Wireless Sensor Network" **published in** 4th IEEE International Conference on Computer and Communication Systems, February 23-25, 2019, NTU, Singapore, ISBN: 978-1-7281-1322-7. doi: [10.1109/CCOMS.2019.8821631](https://doi.org/10.1109/CCOMS.2019.8821631)

2018

28. R. Malladi, Ch. Srinivas, **Nishu Gupta**, "Time-slot Assignment based Channel Access Scheme for Reliable Transmission in VANET" **published in** 2nd Springer International Conference on Communication & Computing Systems (ICCCS-2018), Dec. 1-2, 2018, Gurgaon, India. ISBN: 978-0-429-44427-2. doi: [10.1201/9780429444272](https://doi.org/10.1201/9780429444272)

2017

29. Z. Hashim, **Nishu Gupta**, "Futuristic Device-To-Device Communication Paradigm in Vehicular Ad-hoc Network", in IEEE International Conference on Information Technology (InCITE) - The Next Generation IT Summit on the Theme - Internet of Things: Connect your Worlds, pp. 209-214, IEEE Explore, October 6-7, 2016, Amity University, Noida, India, ISBN: 978-1-5090-2612-8. doi: <http://dx.doi.org/10.1109/INCITE.2016.7857618>
30. **Nishu Gupta** et.al., "Cooperative Communication based MAC Protocol for Reliable Data Delivery in Vehicular Ad-hoc Network" in Proceedings of 2nd Springer International Conference on advances in Internet of Things and Connected Technologies (ICIoTCT 2017), pp. 39-45, vol.2, May 26-27, 2017, MNIT Jaipur, India. Link: <http://iciotct2017.iaasse.org/>

2016

31. Z. Hashim, **Nishu Gupta**, "Emerging Technologies, Applications and Futuristic Scope of Cognitive Vehicular Network for 5G Wireless Systems", in International Conference on Advances in Computing and Data Sciences (ICACDS), Communications in Computer and Information Science, Springer, vol. 721, pp. 282-289, November 11-12, 2016, Krishna Engineering College, Ghaziabad, India, ISBN: 978-981-10-5427-3. doi: <https://doi.org/10.1007/978-981-10-5427-3>

Earlier

32. U. Prakash, R. Pal, **Nishu Gupta**, "Performance Evaluation of IEEE 802.11p by Varying Data Rate and Node Density in Vehicular Ad Hoc Network", in Proceedings of the 4th IEEE Student's Conference on Engineering and Systems (SCES2015), pp. 1-5, IEEE xplore, November 6-8, 2015, MNNIT Allahabad, India, ISBN: 978-1-4673-8597-8. doi: [10.1109/sces.2015.7506457](https://doi.org/10.1109/sces.2015.7506457)
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I hereby declare that all the above mentioned information is true in every manner and I bear the responsibility of its correctness.

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