

# CAREER POINT INTERNATIONAL JOURNAL RESEARCH (CPIJR)



**CAREER POINT**  
INTERNATIONAL JOURNAL OF RESEARCH

## INTERNATIONAL CONFERENCE

On

*Recent Innovations in Engineering, Technology  
& Science for Sustainable Development*

*(RIETSSD-2026)*

30<sup>th</sup> - 31<sup>st</sup> January 2026

Jointly Organized By:

School of Computer Application & Technology,  
Career Point University, Kota in Association with Maryam  
Abacha American University of Nigeria (MAAUN), Nigeria



**CAREER POINT  
UNIVERSITY**



CONFERENCE PROCEEDINGS

Published By:

CAREER POINT INTERNATIONAL JOURNAL RESEARCH (CPIJR)

ISSN: 2583-1895 (Online)



## **About the Conference**

International Conference on "**Recent Innovations in Engineering, Technology & Science for Sustainable Development (RIETSSD-2026)**" is organizing with the objective of bringing together innovative scientists, professors, research scholars, students and industrial experts in the field of Computing and Communication to a common forum. The primary goal of the conference is to promote the exchange of innovative scientific information between researchers, developers, engineers, students, and practitioners. Another goal is to promote the transformation of fundamental research into institutional and industrialized research and to convert applied exploration into real time application.

Overall the conference will provide the researchers and attendees with prospects for national and international collaboration and networking among universities and institutions from India and abroad for promoting research. RIETSSD-2026 is jointly organized by **School of Computer Application & Technology, Career Point University, Kota, India** in association with **Maryam Abacha American University of Nigeria, Nigeria (MAAUN)** on **30<sup>th</sup>-31<sup>st</sup> January 2026** at Career Point University, Kota, Rajasthan, India (Hybrid Mode).



## KEYNOTE SPEAKERS



**Prof. Sheng-Lung,**  
National Taipei University of  
Business, Taiwan



**Dr. Neyara Radwan**  
Associate Professor,  
Mechanical Department,  
Suez Canal University, Egypt



**Dr. Ahmed J. Obaid**  
Professor  
FOCSM, University of Kufa,  
Iraq



**Prof. (Dr.) Madhukant Patel**  
Former ISRO Scientist,  
Professor(CSE), Nirma  
University, Gujarat



**Prof. (Dr.) Vijay Singh  
Rathore**  
Director, Shri KKarni  
Universe College, Jaipur  
(Raj.)



**Prof. (Dr.) Md. Nur Alam**  
Professor(Mathematics),  
Pabna University of Science &  
Technology Pabna, Bangladesh



**Prof.(Dr.) Arshi Naim**  
Professor(Mgmt.) & Academic  
Director,  
London Institute of Sustainable  
Development, U.K.



**Er. Piyush Jawaria**  
Secretary,  
The Institution of Engineers,  
Udaipur Local Center,  
Udaipur (Raj.)



**Dr. S.D. Purohit**  
Associate Professor,  
Department of HEAS  
(Mathematics), RTU, Kota  
(Raj.)



**Prof. (Dr.) S.K. Abdul  
Rahaman**  
Professor & Dean,  
School of Medical and Allied  
Sciences, Department of  
Pharmacy,  
Galgotias University,  
Noida(U.P.)



**Dr. Anuradha Sharma**  
Associate Professor &  
Director  
School of Science &  
Technology, Vardhman  
Mahaveer Open University,



**Dr N.K. Gupta**  
Director PM & E  
Sri Karan Narendra Agriculture  
University, Jobner, Jaipur (Raj.)



**Prof. (Dr.) Dinesh Birla**  
Professor, Electrical  
Engineering,  
Dean Faculty Affairs, Rajasthan  
Technical University, Kota(Raj.)



**Dr. Sangeeta Poswal**  
Deputy Director (Plan)  
Department of Science &  
Technology (DST),  
Jaipur(Raj.)



**Dr. Mohammad Kamrul Hasan**  
Associate Professor and Head  
Center for Cyber Security,  
Universiti Kebangsaan Malaysia



## SESSION CHAIRS



**Dr. Ihtiram Raza Khan**  
Associate Professor(CSE),  
Jamia Hamdard, Delhi



**Dr. Surendra Yadav**  
Professor & Dean(CSA)  
Vivekananda Global  
University, Jaipur(Raj.)



**Dr. Bharat Singh Deora**  
Associate Professor, Department of  
CS & IT,  
Rajsathan Vidyapeeth, Udaipur  
(Raj.)



**Dr. Amit Sharma**  
Department of CSE,  
Vivekananda Global  
University, Jaipur



**Prof. (Dr.) Anand Trivedi**  
Professor (Chemistry) &  
Principal, Aryan College,  
Kota(Raj.)



**Dr. Jyoti Dashora**  
Associate Professor(Management),  
Chandigarh University, Punjab



**Dr. Ghanshyam Purohit**  
Associate Professor (Physics)  
University College of Science,  
M. L. S. University Udaipur  
(Raj.)



**Prof.(Dr.) N.K. Joshi**  
Director, Modi Institute of  
Management &  
Technology(MIMT),  
Kota(Raj.)



**Dr. Sonu Agarwal**  
Associate Professor & HoD,  
Department of Law Manipal  
University, Jaipur (Raj.)



**Dr M.C. Jain**  
Professor Horticulture &  
Dean, Research  
Agriculture University, Kota



**Dr. Virendra Singh**  
Dean (DSW) College of  
Agriculture, Agriculture  
University, Kota (Raj.)



**Dr. Mahendra Lalwani**  
Associate Professor (Electrical  
Engineering), Rajasthan Technical  
University, Kota(Raj.)



**Dr. Darshanaben Dipakkumar Pandya**  
Associate Professor, Shri C.J Patel College of Computer Studies ,  
Sankalchand Patel University, Visnagar, Gujarat



## **CONFERENCE REVIEWER BOARD**

<b>S. No.</b>	<b>Name of Reviewer</b>	<b>Designation</b>	<b>Affiliation</b>
1	Dr. Akash Saxena	Professor	Compucom College, Jaipur (Rajasthan)
2	Dr. Niranjnath M.	Associate Professor	MSRIT, Bengaluru, Karnataka, India
3	Dr. Suresh Kumar K	Associate Professor	Saveetha Engineering College, Chennai
4	Dr. Veena Khandelwal	Assistant Professor	SRM Institute of Science and Technology Delhi-NCR Campus, Ghaziabad
5	Dr. Astha Pareek	Sr. Assistant Professor	Dept. Of Computer Science And IT, The IIS University, Jaipur
6	Prof. Tarun Shrimali	Director (R & D Cell)	JRN Rajasthan Vidyapeeth Udaipur, Rajasthan
7	Dr. Kiran Sood	Professor	Chitkara University, Rajpura, Punjab
8	Dr. Soniya Lalwani	Associate Professor	BKIT, Kota, Rajasthan
9	Dr. Ashish Khanna	Professor	MAIT, Rohini, Delhi
10	Dr. Tanupriya Chaudhary	Associate Professor,	Department of CSE, UPES, Dehradun
11	Dr. Navneet Sharma	Associate Professor	Dept. Of Computer Science And IT, The IIS University, Jaipur
12	Dr. Soumi Dataa	Associate Professor	IEM, Kolkata(W.B.)
13	Dr. Sandeep Poonia	Associate Professor	CHRIST University, Bangalore
14	Dr.C.Priya	Associate Professor	VELS University, Chennai
15	Dr.Akash Saxena	Associate Professor	Compucom Institutes of Information Technology,Jaipur
16	Dr.Nilam Chaudhary	Associate Professor	SKIT, Jaipur, Rajasthan



17	Dr. Yogesh Kumar Sharma	Dean and Professor	School of Engineering & Technology, Om Sterling Global University, Hisar, Hariyana
18	Dr. Priyanka Verma	Sr. Assistant Professor	Dept. of Computer Science & IT, IIS(Deemed to be)University, Jaipur, Rajasthan
19	Dr. Anubhav Kumar	Professor & Dean	Faculty of Engineering & Technology, Mandsaur University, Mandsaur (M.P.)
20	Dr. Anubha Jain	Associate Professor	Dept. of Computer Science & IT, IIS(Deemed to be)University, Jaipur, Rajasthan
21	Dr. Bharat Singh Derora	Sr. Assistant Professor	Dept. of Computer Science & IT, IIS(Deemed to be)University, Jaipur, Rajasthan
22	Prof. (Dr.) Manju Mandot	Director	Dept. of Computer Science & IT, IIS(Deemed to be)University, Jaipur, Rajasthan
23	Prof. (Dr.) N.K. Joshi	Director	MIMT College, Kota(Raj.)
24	Dr. Vinod Kumar	Associate Professor (CSE)	Galgotias University, Greater Noida, U.P.
25	Dr. L.K. Vishwamitra	Professor(CSE)	Oriental College of Technology, Bhopal
26	Dr. Iti Sharma	Lecturer(CS)	Govt. Polytechnic College, Kota
27	Dr. Gajanand Sharma	Asst. Prof.(CSE)	JECRC University, Jaipur(Raj.)
28	Dr. Anuradha Sharma	Associate Professor	VMOU, Kota (Raj.)
29	Dr. Nirupma Singh	Team Lead, Product Implementation	Intellect Design Arena Ltd. Chennai
30	Prof. (Dr.) Manish Shrimali	Associate Professor, CS & IT	JRN Rajasthan Vidyapeeth, Udaipur (Raj.)



## **ORGANIZING COMMITTEE**

### **Conference Convener: RIETSSD-2026**

Prof. (Dr.) Abid Hussain

### **Organizing Secretary-RIETSSD-2026**

Prof. (Dr.) Garima Tyagi

### **Honorary Conference Chair**

Prof. (Dr.) Mohammad Israr

President, MAAUN, Nigeria

### **General Chair: RIETSSD-2026**

Prof. (Dr.) Kamal Arora

Director (IQAC), CPU, Kota

## **SCIENTIFIC COMMITTEE**

Prof. (Dr.) Hemlata Saxena

Prof. (Dr.) M.K. Gupta

Dr. Arun Sharma

Dr. Awanit Kumar

Dr. Aditi Gaur

Dr. Sandeep Kumar

Dr. Kunal Rohira

Dr. Gunnjeet Kaur

Dr. Dinesh Kullhary

Dr. Preeti Sharma

Dr. Pratima Rawal

Dr. Krishna Kr. Soni

Dr. Bhavesh Kr. Dadhich

Dr. Anita Singh

Dr. Girish Kr. Vyas

Dr. Mithiles Malviya

Dr. Meenakshi

Dr. Kunal Rohira

Prof.(Dr.) Arvind K Sharma

Prof. (Dr.) Nidhi Goyal

Dr. Bhavna Mehla

Dr.Rajkumari Thagele

Dr. Mahaveer Suman

Dr.Hemlata Sharma

Dr. Pushpendra K Yaduvanshi

Dr. Nirupma Singh

Dr. Abhishek Nagar



## **ADVISORY BOARD**

Prof. Dr. Salah Albermany

Dr. Navneet Sharma

Prof. Dr. Adriana Schiopoiu

Dr. D.D. Pandya

Prof. (Dr.) Salah Hamza Abid

Dr. Manish Tiwari

Dr. Bashar Ahmed Sharba

Dr. Krishna Kumar Soni

Dr. Hiba Abdullallah Ahmed

Dr. Vivek Kr. Jain

Dr. Arvind K Sharma

Prof.(Dr.) Neeraj Bhargava

Prof. (Dr.) Dharam Singh Jat,

Prof. (Dr.) Dhiren Patel

Dr. Kirti Seth

Prof.(Dr.) Mohd. Akhtar Khan

Dr. Manju Mandot

Prof. (Dr.) Atul M Gonsai

Prof. (Dr.) N.N. Jani

Dr. Manish Tiiwari

Dr. Dr. Atul Dadhich

Dr. B. K. Sharma

Dr. Mahipal Singh Deora

Dr. Nilesh Jain

Dr. Harish Sharma

Dr. Praveen K Sharma

Dr. Mohd. Akhtar Khan

Dr. Sandeep Hood

Dr. Neeraj Arora

Dr. Deepak Shrivastava

Prof. (Dr.) Reena Dadhich

Prof. Vinod Sharma

Dr. Nitish Pathak

Dr. Siba Kumar Udgata

Dr. Ali Imam Abidi

Dr. Habeeb Mohamed Nijam

Dr. Md Irfan Ahmed

Dr.Faiz Al-otaibi

Dr. Arun Arora

Dr. Shamik Tiwari



## **Patron's Message**



**Er. Pramod Maheshwari**  
**Chancellor, Career Point University, Kota, Rajasthan, India**

On behalf of the Career Point University, Kota, Rajasthan, India, I heartily extend warm welcome to all the National/International Delegates, Renowned Scientists and participants to this International Conference with the theme of **“Recent Innovatons in Engineering, Technology & Science for Sustainable Development (RIETSSD-2026)”** from 30th – 31st January 2026. The presence of other dignitaries during the two days conference is a further testimony to our sincere pursuits to achieve nothing less than the 'best', they have long trails of success behind them.

I am confident that the conference shall provide an effective platform for innovation, technology transfer and entrepreneurship concurrently meet to share and disseminate the knowledge and the rich experience of the IT and Engineering Professionals, and to look forward solutions to the challenging problems.

I intend to take this event ahead as an ideal, the motive not only is to generate discussions around contemporary issues, but also to propel the culture of academic exchange, which is the only way to achieve excellence in this field.

I hope this event fruitful for everybody. I assure you that we will make your time spent with us and in the conference a memorable one.



## **Convener's Message**



**Prof. (Dr.) Abid Hussain**  
**Professor (SOCAT)**  
**PC Chair & Convener, RIETSSD-2026**

I am gratified being designated as the convener/conference chair for International Conference on **“Recent Innovatons in Engineering, Technology & Science for Sustainable Development (RIETSSD-2026)”** to be held in Hybrid Mode at Career Point University, Kota (Raj.) from 30<sup>th</sup> - 31<sup>st</sup> January 2026. The conference is being jointly organized by **School of Computer Application & Technology, Career Point University, Kota, Rajasthan, India in association with Maryam Abacha American University of Nigeria (MAAUN), Nigeria.** The aim of the conference was to bring together researchers, scientists, engineers, and practitioners to exchange and share their experiences, new ideas and research results about all aspects of main themes and tracks.

I am grateful to all those who have contributed to the success of RIETSSD-26, especially all the authors and the participants who responded to our call for papers. I also express my sincere gratitude for the efforts put by conference Technical Programme Committee, Conference Steering Committee, Advertising, Publicity and Sponsorship Committee, who made this event possible.



## **Honorary Conference Chair's Message**



**Prof. (Dr.) Mohammad Israr**

**President, Maryam Abacha American University of Nigeria (MAAUN), Nigeria**

On behalf of the Organizing Committee of this International on **“Recent Innovations in Engineering, Technology & Science for Sustainable Development (RIETSSD-2026)”** to be held in Hybrid Mode Career Point University, Kota (Raj.) from 30th - 31st January 2026. We would like to extend our warm welcome to all of the presenter and participants, and in particular, we would like to express our sincere gratitude to our plenary and invited speakers. This international conference is jointly organized by **School of Computer Application & Technology, Career Point University, Kota, Rajasthan, India** in association with **Maryam Abacha American University of Nigeria (MAAUN), Nigeria**.

It is intended to be the first step towards a top class conference on Engineering & Technology. We believe that this international conference will give opportunities for sharing and exchanging original research ideas and opinions, gaining inspiration for future research, and broadening knowledge about various fields in advanced computer science and information systems, amongst s of organization communities, together with researchers from India and other countries.



## **Organizing Secretary's Message**



**Prof. (Dr.) Garima Tyagi**  
Professor, SOCAT, Career Point University, Kota, Rajasthan, India

We are pleased to organize two days international conference on **“Recent Innovatons in Engineering, Technology & Science for Sustainable Development (RIETSSD-2026)”** to be held in Hybrid Mode at Career Point University, Kota (Raj.) from 30<sup>th</sup> - 31<sup>st</sup> January 2026 in the collaboration of **School of Computer Application & Technology, Career Point University, Kota, Rajasthan, India** in association with **Maryam Abacha American University of Nigeria (MAAUN), Nigeria.**

As the theme of the conference is about recent innovation in Engineering and Technology, its subthemes cover all the branches of Engineering including Mathematics. The objective of the conference is to bring together the computational experts in various fields of Engineering and Technology. The conference showcases the expertise both from academia and industry from various institutes, universities and industries all over the world discover novel opportunities on the theme of the conference.

I am sure that this conference will bring together the professionals and researchers for the innovation and that will help in the sustainable development of the society. I will help in the overall development of the new technologies with the multidisciplinary approach.



## **General Chair's Message**



**Prof. (Dr.) Kamal Arora**  
**Director, IQAC, Career Point University, Kota (Raj.)**

I would like to extend my warmest welcome to all the participants of the International Conference on **“Recent Innovations in Engineering, Technology & Science for Sustainable Development (RIETSSD-2026)”**. This international conference is organized by **School of Computer Application & Technology, Career Point University, Kota, Rajasthan, India** in association with **Maryam Abacha American University of Nigeria (MAAUN), Nigeria** from 30<sup>th</sup> – 31<sup>st</sup> January 2026. I am confident that the conference shall provide an effective platform for innovation, technology transfer and entrepreneurship concurrently meet to share and disseminate the knowledge and the rich experience of the IT and Engineering Professionals, and to look forward solutions to the challenging problems.

I also thank all the conference committees and the reviewers for their efforts in ensuring a rigorous review process to select high quality papers.

I sincerely hope that this unique international and multidisciplinary conference will provide the participants with a truly transformative experience through a variety of knowledge and perspectives. Finally, showing gratitude to all the sponsors for their generous support, I wish a grand success of this conference.