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College of Engineering
& Technology

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Report on

(From 7-02-2022 to 07-03-2022)

Organised by

**Centre for Research Innovation and Development
KG Reddy College of Engineering and Technology, Hyderabad.**

Submitted by

Dr. E Meher Abhinav

Coordinator, Four Week STTP on Research Paper Writing

Co-ordinator,
Four Week STTP-RPW
KGR CET

Head R&D,
KGR CET

Principal
KGR CET

Principal
KG Reddy College of Engineering & Technology
Chilkur (V) Motabadi (M).
R. R Dist



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Research is very important aspect in higher education field. To do the quality research work is a challenging task. It needs proper knowledge and proper understanding of research methodology. Hence, CRID (KG Reddy College of Engineering and Technology) taken initiative and organized the one month STTP on 'Research Paper Writing' for our College faculty on 15-11-2021 to 15-12-2021.

Objectives:

- To create awareness on downloading Scopus and Sci- Indexed research papers from various websites like science direct, IEEE Xplore, Sci-hub, arXiv, core, scienceopen.com, DOAJ, Library Genesis.
- To make use of Grammerly software for writing papers and reports
- To develop skills in reading and understanding research papers.
- To know the research paper citing techniques.
- To motivate the faculty to write a review paper.
- To improve the writing skills in paper writing.
- To identify the suitable scopus/web of science journals for paper submission.
- To submit atleast one paper to the journal by the end of March 2022.

Outcomes:

- To correct grammatical mistakes using Grammerly software
- Develop skills on writing papers independently
- Choose the right journal for publishing the papers
- To develop research culture among the faculties.
- Utilise the free time for doing research
- At least one paper has to be published in Scopus/web of science journal by every individuals

Targeted audience:

- All nominated faculty from various departments of KG Reddy college of Engineering and Technology, Hyderabad.

Resource persons

1. Dr. Manish G.
Associate professor of ECE,
Dean CRID,
KG Reddy College of Engineering and Technology, Hyderabad



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2. Dr. E. Meher Abhinav,
Assistant Professor of ECE,
KG Reddy College of Engineering and Technology, Hyderabad
3. Dr. Jada Shanker,
Associate Professor of Physics,
FDP Coordinator, Centre for Research Innovation and Development,
KG Reddy College of Engineering and Technology, Hyderabad

Overall Summary:

Centre for Research Innovation and Development, KG Reddy College of Engineering and Technology, Hyderabad has been organized Four Week STTP on Research Paper Writing during 07-02-2022 to 07-03-2022 held at Python Laboratory, Room number B208, Dr. E Meher Abhinav, Assistant Professor of ECE has been worked as STTP Coordinator.

On the first day, Dr. Manisha G. has given a presentation on objectives and outcomes of this Four week STTP, also she has given presentation on <https://www.sciencedirect.com/>, <https://www.ieee.org/> and <https://scholar.google.com/> each and every point has explained about downloading a Research Paper. All the required tips have been given to download a quality Research Paper by using key words and title of the desired work. Dr. Manisha G. has delivered the presentation on selection of research paper to study, all the nominated participants carefully observed the techniques in selecting the right research article.

Dr. Manisha G has given a presentation on various websites like <https://arxiv.org/>, <https://core.ac.uk/>, <https://www.scienceopen.com/>, <https://www.doaj.org/>, <http://libgen.li/> for paper citing and downloading. Hands on session of all faculty members have been observed and guided by Dr. E Meher Abhinav, Dr. Jada Shanker, and Dr. Manisha G. Active teaching learning process has been done.

Dr. E. Meher Abhinav has delivered talk on “how to identify fake journals and right journals” and “reference citing by mendeley software”. Hands and session of all faculty members have been observed and guided by Dr. Jada Shanker, Active teaching learning process has been done entire session.

Importance of research in career growth in higher education how to develop career to sustain in the research and development centre has been clearly explained and motivated the participants towards research by Dr. E Meher Abhinav.

Dr. Jada Shanker has delivered the presentations on “How to write introduction part in the paper”, “Experimental/synthesis part”, “Result and Discussion part”, “difference between



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abstract and conclusion”, “proper citing the reference paper in the text” for all these sessions attended participants actively involved and applied session tips in their respective area of research. Progress of all attended faculty members have been evaluated by coordinators i.e Dr. Jada Shanker-H&S, Dr. E Meher Abhinav (Electronics Communication Engineering and Electrical and Electronics Engineering, Civil Engineering, Mechanical Engineering), Dr. Harikrishna B Computer Science Engineering. Most of the STTP nominated faculty members have downloaded right papers related to their research work and shown progress on writing a research paper. Also, daily possible tasks has been given for all attended participants, most of the participants completed their tasks in time.

This is the first four week STTP during 07-02-2022 to 07-03-2022. From this STTP, all the participants learned a lot towards research, and most of the participants wrote papers and submitted to various conferences, journals, few papers are in revision stage. Therefore, Centre for Research Innovation and Development team proud to say this STTP is fruitful. Hence, Four week STTP need to be continue through year to develop research culture in the college, by doing this efforts good number of papers can be published in short time.

Nominated list of faculty for STTP details are attached as a separate sheet, few activities of the STTP is captured in photos which are also attached as a separate sheet.

Daily activities happened in the STTP is coordinated and monitored by Dr. E Meher Abhinav, every day report has been reported to Dr. Manisha Dean R&D, with the encouragement and support of Director, Dean R&D, Principal This STTP successfully completed.



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KGR CET/CIRCULAR/CRID/2021-22/ 014

05.02.2022

This is to inform all that Centre for Research Innovation and Development is organizing 4 Week Short Term Training Program on Research Paper Writing from 7th February 2022 to 7th March 2022 to the below mentioned nominated faculty @ Python Laboratory, Room Number - B208 from 2.30 p.m. to 4.30 p.m.

S. No	Name of the Faculty	Department
1.	Mr. M Ratnachary ✓	CE
2.	Mr. P. Mahentesh ✓	CE
3.	Mr. Thangamani.	CE
4.	Mr. Sai Prasad	CE
5.	Ms. ShivaniSrivastav	CE
6.	Mr. Naresh ✓	ME
7.	Mr. Sathish ✓	ME
8.	Mr. Praveen ✓	ME
9.	Mr. Kondal Rao ✓	ME
10.	Mr. LaxmiBhavani ✓	ECE
11.	Ms. Sirisha ✓	ECE
12.	Mr. Laxminarayna	ECE
13.	Ms. Sindhu ✓	ECE
14.	Ms. Rajani ✓	ECE
15.	Mr. Srinivas	EEE
16.	Ms. Samyuktha	EEE
17.	Ms. Manisha ✓	EEE
18.	Ms. Sowjanya	CSE
19.	Ms. Manasa	CSE
20.	Mr. Rama Krishna Reddy ✓	CSE
21.	Mr. Raghu Kumar L ✓	CSE
22.	Ms. AswiniPillala ✓	CSE
23.	Ms. Swathi ✓	CSE
24.	Mr. Uma Shanker K.	H&S

Further for any discrepancy feel free to contact Dr. Manisha G in CRID office. All the faculty are supposed to spend time in the above mentioned laboratory and utilize Grammarly subscription

Dean R&D

Principal

Copy to:

1. Deans
2. HoDs
3. Administrative Office & HR

PRINCIPAL
KG Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M),

Centre for Research Innovation & Development

Title: Four Short Term Training Program on Research Paper Writing 07-02-2022 to 07-03-2022 Time : 2.30 p.m. to 4.15 p.m.			
S No	Day	Topic Name	Timings
1	1	Know about downloading a research paper.	02.30 - 03.00
2		Hands on Session	03.00 - 04.15
3	2	Exclusive Selection of research paper to read	02.30 - 03.00
4		Hands on Session	03.00 - 04.15
5	3	Efficient Way to Read a research paper	02.30 - 03.00
6		Hands on Session	03.00 - 04.15
7	3	Reading a research paper repeatedly	
8		Hands on Session	03.00 - 04.15
9	4	A study on citing references	
10		Hands on Session	03.00 - 04.15
11	5-13	Reading a Research Paper - Literature Survey	02.30 - 04.15
12	13	Avoid Improper Borrowing - Plagiarism	03.30 - 04.15
13	14-18	Effective way of writing a research paper with hands on sessions	02.30 - 04.15
14	19-20	Fine Tuning of research paper	02.30 - 04.15
15	21-24	Paper submission with respect to its scope	02.30 - 04.15


Dean - R&D

**Centre for Research Innovation and Development Four Weeks
Four Week STTP on "Research Paper writing"**

From 7-02-2022 to 07-03-2022

S.No	Name of the faculty	Department	7/2/2022	8/2/2022	9/2/2022	10/2/2022	11/2/2022	12/2/2022	14/2/2022	15/2/2022	16/2/2022	17/2/2022	18/2/2022	19/2/2022	21/2/2022	22/2/2022	23/2/2022	24/2/2022	25/2/2022	26/2/2022	28/2/2022	1/3/2022	2/3/2022	3/3/2022	4/3/2022	5/3/2022	7/3/2022	FDP conducted days	FDP attended days	Attendance %	paper completed %	Papers Communicated	Papers Accepted	Papers Published	Signature
1	Mr. Uma Shanker K	H&S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	14	56	40	0	0	0	
2	Ms. Sowjanya	CSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	19	76	100	1	0	0		
3	Ms. Manasa	CSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	9	36	10	0	0	0		
4	Mr. Ramakrishna Reddy	CSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	21	84	100	1	0	0		
5	Ms. P. Ashwini	CSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	11	44	23	0	0	0		
6	Mr. Raghu L	CSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	18	72	100	1	1	0		
7	Ms. B. Swathi	CSE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	20	80	100	1	0	0		
8	Mr. Sirisha	ECE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	23	92	100	1	0	0		
9	Mrs. Laxmi Bavani	ECE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	20	80	100	1	1	0		
10	Mr. Rajini	ECE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	18	72	34	0	0	0		
11	Ms. Sindu	ECE	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	13	52	40	0	0	0		
12	Mr. D. Lakshmi Narayana	ECE	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	19	76	100	1	0	0		
13	Mr. Naresh	ME	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	15	60	40	0	0	0		
14	Mr. Satish	ME	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	1	4	20	0	0	0		
15	Mr. Kondal Rao	ME	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	16	64	30	0	0	0		
16	Mr. Praveen	ME	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	16	64	20	0	0	0		
17	Ms. M Ratnachary	CE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	23	92	15	0	0	0		
18	Mr. P Mahentesh	CE	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	19	76	20	0	0	0		
19	Mr. Thangamani	CE	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	12	48	30	0	0	0		
20	Mr. Sai Prasad	CE	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	15	60	25	0	0	0		
21	Mrs. Shivani	CE	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	19	76	90	0	0	0		
22	Ms. P. Samvuktha	EEE	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	6	24	100	1	0	0		
23	Mr. Manisha	EEE	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	14	56	0	0	0	0		
24	Mr. D. Srinivas	EEE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	23	92	100	1	0	0		
Total Presentees			17	16	12	14	11	20	16	12	10	14	17	15	19	18	19	11	14	20	17	16	17	17	11	13			64			9	2	0	

Note: "0" represents absent and "1" represents present

[Signature]
FDP Coordinator

[Signature]
Principal



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Centre for Research Innovation and Development

Four Week STTP on Research Paper writing

(From 7-2-2022 to 7-03-2022)

Nominated Faculty for STTP on Research Paper Writing

Date: 10-03-2022

S. No	Name of the Faculty	Department	Feed back	Signature
1	Mr. Uma Shanker K	H&S	Absent	
2	Ms. Sowjanya	CSE		
3	Ms. Manasa	CSE	Good session	
4	Mr. Ramakrishna Reddy	CSE	It was good	
5	Ms. P. Ashwini	CSE	Absent	
6	Mr. Raghu L	CSE		
7	Ms. B. Swathi	CSE	Excellent	
8	Mr. Sirisha	ECE	Absent	
9	Mrs. Laxmi Bavani	ECE		
10	Mr. Rajini	ECE	Excellent	
11	Ms. Sindu	ECE	Absent	
12	Mr. D. Lakshmi	ECE		

Manisha Guduri (Member of IEEE since 2014) received the B.Tech degree in Electronics and Communications Engineering from JNTUH, Telangana India, in 2009 and the M.Tech degree in VLSI system design from JNTUH, Telangana India, in 2012. She received Ph.D. degree in Electronics and Communications Engineering from Birla Institute of Technology (BIT), Mesra (Deemed University), Ranchi, India in July 2018. She is currently working as Professor & Dean R&D in KG Reddy College of Engineering & Technology, Hyderabad. During her tenure as HoD, the department received NBA for three years. She received approval letters from two funded projects from DST of worth 1.1 Crores. She received 2 Lakhs grant from SERB, New Delhi for Organizing Conference. She published 4 Indian patents. She completed one consultancy project worth 1 Lakh. She also completed PG Diploma in IPR and Cyber laws from University of Hyderabad.

She is the author or coauthor of more than 48 research papers in reputed journals (12, i.e., 3 in the Microsystem Technologies-Springer, 2-Elsevier, 1-JSTS, 1 JESTEC and 4 in SCOPUS indexed journals), book chapter (17), and International conferences (19). Her research interests include VLSI/CAD design for classical CMOS, non-classical CMOS and non-CMOS (non-Silicon) technologies [which center around the emerging nanoelectronics and spintronics devices like HEMT (high electron mobility transistor), SiC MOSFET, Organic FET, FinFET (Fin-Shaped Field Effect Transistor), CNFET (Carbon Nanotube Field Effect Transistor) and STT (spin transfer torque)-based MTJ (magnetic tunnel junction)], SET (Single Electron Transistor), Multivalued Logic, SRAM (Static random Access Memory), RRAM (resistive random access memory), PCRAM (Phase Change Random Access Memory), STT-MTJ based MRAM (magnetic random access memory), magnetic logic circuits, robust design of semiconductor memory, power- and variability-aware design, design of ultralow-power nanoscale circuits for portable/wearable/energy-harvesting

Centre for Research Innovation and Development
Impact Analysis Report on Four Weeks Short Term Training Program on
Research Paper Writing

Date: 10-03-2022

The above STTP has been organized during 7-02-2022 to 07-03-2022 to the faculty in Python Laboratory, Room Number- B208 from 2.30 pm to 4.30 pm by CRID, KG Reddy College of Engineering and Technology. In this STTP, attendance percentage was 66 % and nine faculty communicated the research papers. Once acceptance is received, certificates will be issued. The following faculty communicated the research papers

- 1) Ms. Sowjanya
- 2) Mr. Ramakrishna Reddy
- 3) Mr. Raghu L
- 4) Ms. B. Swathi
- 5) Mr. Sirisha
- 6) Mrs. Laxmi Bavani
- 7) D Lakshmi Narayana
- 8) P. Samyuktha
- 9) D Srinivas



Co-ordinator,
Four Week STTP-RPW
KGR CET



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