



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



ELECTRONICS

2023-24



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

INDEX 2023-24

S NO	MONTH	EVENT NAME
1	AUGUST	FIELD TRIP CONDUCTED
		VENUE: PHYSITECH ELECTRONICS PVT LTD
		DATE: 05.08.2023
		TIME: 9AM-2PM
2		NATIONAL SEMINAR CONDUCTED - MOU ACTIVITY
		TOPIC: EMERGING TRENDS IN ELECTRONICS & COMMUNICATION
		VENUE: HYBRID MODE
		DATE: 10.08.2023
3		TIME: 10.40 AM - 12.30PM
		WORKSHOP CONDUCTED
		TOPIC: INTERNET OF THINGS
		DATE: 21.08.2023- 23.08.2023
		TIME: 9AM - 4PM
4	OCTOBER	INTRA COLLEGIATE COMPETITION CONDUCTED
		TOPIC: LOGO QUIZ
		DATE: 09.10.2023
		TIME: 11AM-12.30PM
5		SHORT TERM COURSE ATTENDED
		TOPIC: NEP ORIENTATION & SENSITIZATION
		DATE: 13.10.2022 - 21.10.22
		TIME: 02:00PM-5PM
6	NOVEMBER	WORLD SCIENCE DAY CONDUCTED
		TOPIC: SEMINAR ON IMPORTANCE OF WORLD SCIENCE DAY, CAREER OPPORTUNITIES & CULTURAL EXCHANGE
		DATE:10.11.2023
		VENUE: MONTFORT HALL
		TIME: 10.30AM-1PM



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

7	FEBRUARY	INTERNATIONAL CONFERENCE - ATTENDED
		TOPIC: EMERGING TRENDS IN ELECTRONICS & ITS APPLICATIONS
		DATE: 8.02.2024 & 09.02.2024
		TIME: 9AM-4PM
		VENUE: ONLINE
8	MARCH	INTERNATIONAL FDP ATTENDED
		TOPIC: CITATION & REFERENCE MANAGEMENT FOR SCHOLARLY WRITING
		DATE:26.02.2024-28.02.2024
		VENUE: ONLINE
		TIME: 4PM-5.30PM



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

FIELD TRIP REPORT

VENUE: Physitech Electronics

DATE: 05.08.2023

TIME: 09:00AM-02:00PM

The Faculty of Electronics, Department of Physical sciences organised a field trip to Physitech Electronics, Secunderabad, on 5 August, 2023, for III B.SC (MECS) students. The purpose of this field trip was to help the students understand the theoretical concepts that have been taught and put into practice. Students understood how lab training kits were designed, assembled, and tested. They also had hands-on experience of soldering the components on the PCB. This trip provided the students with an opportunity to understand the manufacturing process of a wide range of electronic equipment used by them in the Electronics Lab.



Mr. Mohd. Taqui, Customer Support Engineer, Physitech Electronics Pvt. Limited explaining how components are assembled on a trainer board



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Mr. Ganesh, III B.SC MECS soldering the components on the trainer board



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

MOU REPORT - CONDUCTED

TOPIC: NATIONAL SEMINAR ON EMERGING TRENDS IN ELECTRONICS AND COMMUNICATION

DATE: 10.08.2023

VENUE: HYBRID MODE

TIME: 11:30AM-01:40PM

The Faculty of Electronics, Department of Physical Sciences has organised a National Seminar on Emerging Trends in Electronics and Communication in collaboration with the Department of Electronics, St. Joseph's College, Trichy on 10.08.2023 in hybrid mode. The Event was conducted in LFDC at 11.30AM. Chief Guest for the program was Fr. J. John Wilson, St. Joseph's College. The resource person for the seminar was Dr. k. Venu Gopal Reddy, Retd. Professor, Department of Physics, Osmania University. The purpose of the program is to help the students understand how the Electronic Industry is changing at a fast pace. Dr. Venu Gopal Reddy in his talk explained about the evolution of Electronics technologies, Challenges in the new technologies, career opportunities in this field. Students gained knowledge about the new branches evolved with new inventions in Electronics.



Ms. Likitha Sree from II B.SC MECS introducing the resource person



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Prof. Venugopal Reddy, Dept of Physics, Osmania University delivering the lecture on Embedded systems & Applications.



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

REPORT ON 3-DAY WORKSHOP - CONDUCTED

TOPIC: INTERNET OF THINGS

DATE: 21.08.23 TO 23.08.23

VENUE: COMPUTERS LAB

The Faculty of Electronics, Department of Physical Sciences in collaboration with Saansah Innovations Pvt. Ltd. has organised a 3-day workshop on 'Internet of Things' from 21-08-23 to 23-08-23 in the computer lab from 10:00AM-03:30PM. The purpose of conducting the workshop is to make the students understand the basics of IOT and how to get started with the IOT concept. As a part of this workshop, students learned how to use various sensors, transmit and receive data by programming them using Arduino software. They also understood the basics of 'Thing speak - An Analytics IOT platform' and 'Blink app'. Students enthusiastically participated in the workshop and successfully executed simple projects.



Mr. Sanjay, Workshop coordinator checking the result of the program.



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Ms. Pravachana receiving the participation certificate from Mr. Sanjay, workshop coordinator and Mr. Prashanth, Faculty of Mathematics



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

INTRA COLLEGIATE COMPETITION REPORT- CONDUCTED

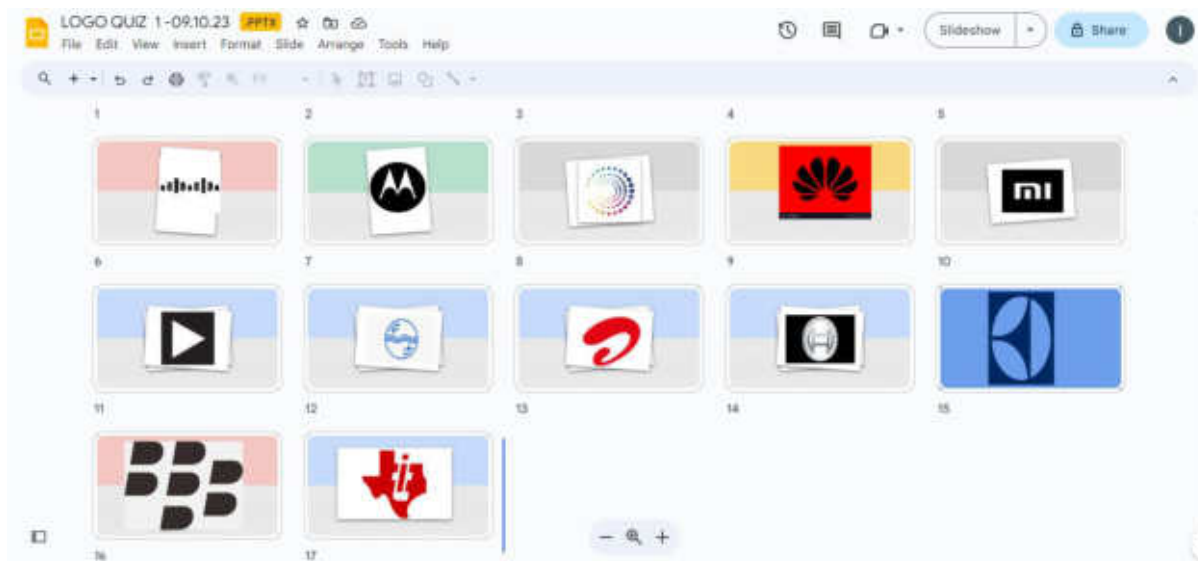
TOPIC: LOGO QUIZ

DATE:09.10.2023

VENUE: D22

TIME: 12:40PM-01:40PM

As a part of the intra-collegiate literary competitions, the Faculty of Electronics, Department of Physical sciences organised a Logo Quiz Competition on 9th October, 2023, from 12.40 p.m. to 1.40 p.m. The purpose of organising the event was to assess the students' knowledge of identifying the logos of various electronics manufacturing companies. Students were asked to identify the logos of popular electronics companies as well as organisations. 15 students participated in the competition. This competition led to increased interest in students keenly observing the logos. Ganesh from III B.SC/MECS won the prize by achieving first place. Srihari from II B.Com Hons won the second place, however, N.C.V.S. Goutham from II B.SCMECS got the third place respectively.



Various logos for the quiz



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Students writing the logo name after identifying it on the screen



MS. Naga Lakshmi checking the answers of the logo quiz



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

SHORT TERM TRAINING REPORT-ATTENDED

TOPIC: NEP ORIENTATION & SENSITIZATION

DATE: 03.11.23 - 11.11.23

TIME: 2PM-5PM

UGC-Malaviya Mission Teacher Training Centre under Osmania University organised an online “NEP Orientation and Sensitization Programme” from 3rd to 11th October 2023, at 2:00 pm to 5:00 pm. The main objective of this program was to increase the focus on strengthening teacher training and restructuring the framework of education. Ms. T. Naga Lakshmi, coordinator, Faculty of Electronics, Department of Physical sciences registered and participated in the session. Each day consisted of two sessions, and each session had a highly qualified person focusing on topics related to NEP. On the last day of this one- week program, a test was conducted with 30 MCQs to be completed within a stipulated time for the E-certificates to be generated. The outcome of this 8-day program was that the faculty understood that every student must have equitable access to quality education, with the main focus on learning our ancient scriptures and texts to inculcate pride in our ancient form of education among teachers and students.

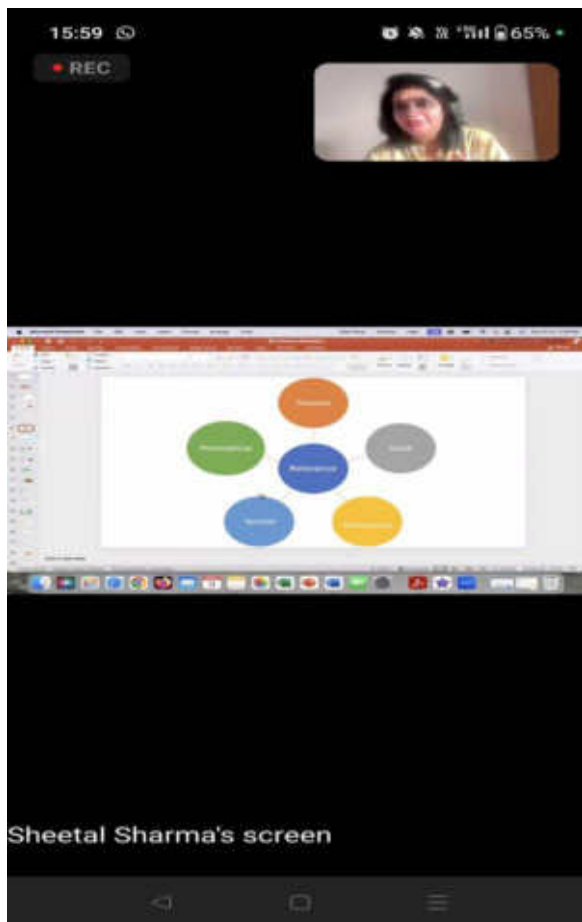


Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society





Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

WORLD SCIENCE DAY REPORT-CONDUCTED

DATE: 10.11.2023

VENUE: MONTFORT HALL

TIME: 10:30PM - 01:00PM

The faculty of Electronics, Department of Physical Sciences, Little Flower Degree college in collaboration with St. Joseph's College for Women in Alappuzha, Kerala organised World Science Day on 10 November, 2023. This programme was organised with the intention of making students more aware of the significance of the day. The theme of the day is "Building Trust in Science." MS Naga Lakshmi, coordinator, Faculty of Electronics, discussed the significance of the day's history as well as a few elements that went into "Building Trust in Science." Dr. Morris Marieli was the day's guest speaker. She spoke to the students about career options following P.G., national level entrance tests for M.SC. programs, and the several P.G. courses offered in Physics and Electronics. Students learned about the significance of World Science Day. Students of both the colleges showcased their talents in dance and singing representing the culture of Telangana and Kerala. Students from both the colleges understood the importance of each other's culture



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Dr. Moris Marieli speaking on the career opportunities in Physics & Electronics



Participants viewing the power point presentation on importance of World Science



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

INTERNATIONAL CONFERENCE - ATTENDED

TOPIC: EMERGING TRENDS IN ELECTRONICS AND ITS APPLICATIONS

DATE: 8.11.2023 & 9.11.23

VENUE: ONLINE

Ms. T. Naga Lakshmi, co-ordinator, Faculty of Electronics, Department of physical sciences has attended two-day International Conference on Emerging Trends in Electronics and its applications conducted by St. Joseph's College, Trichy on 8th and 9th November, 2024. It was conducted in hybrid mode. The objective of the conference is to bring together leading academic scientists, professionals from industries and research scholars to exchange and share their experiences and research results about all aspects of Electronics. Research scholars and PG students have presented their work. The topics presented in the conference were on Material science, Internet of Things, Energy saving batteries etc., The conference gave an insight into the ongoing research and development in the field of Electronics.



Fr. Wilson introducing the chief guest

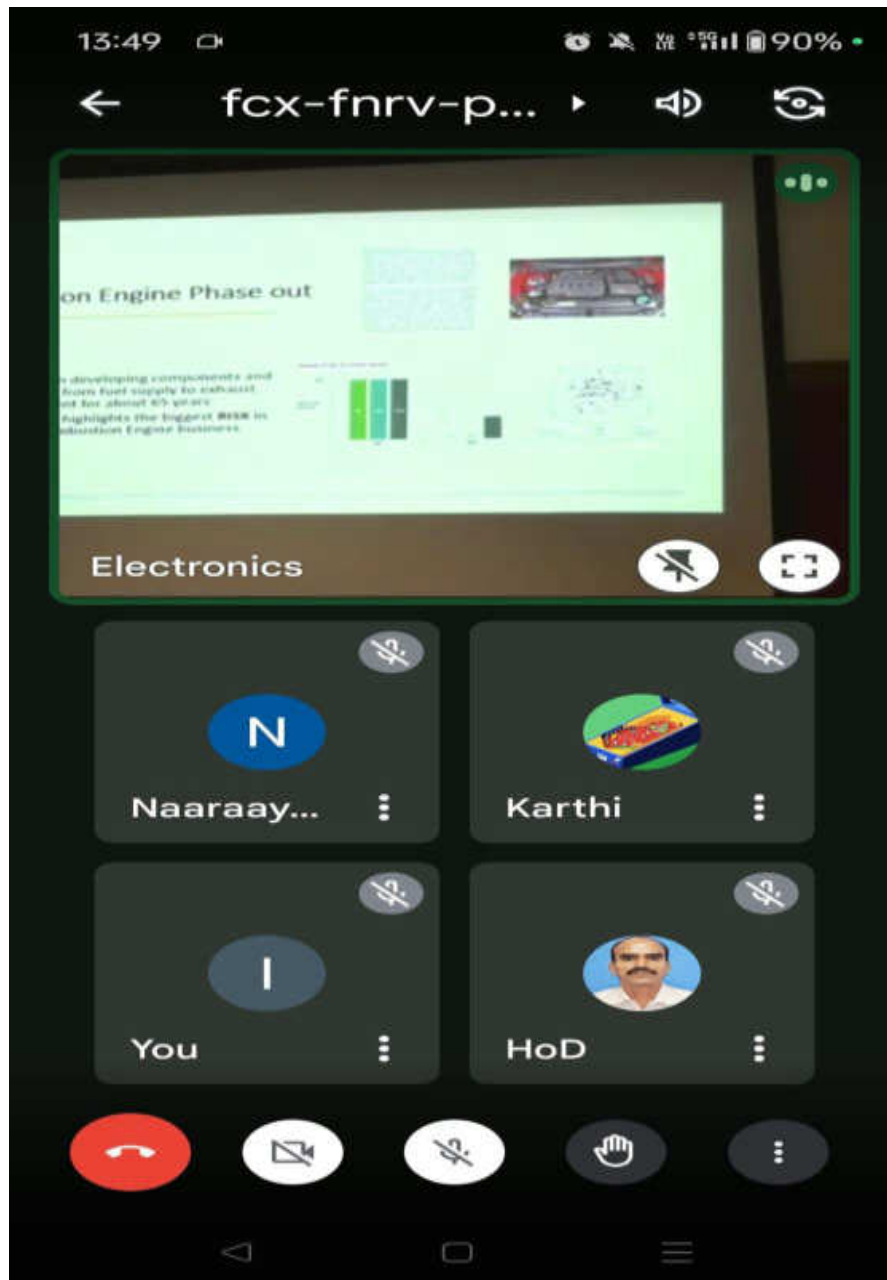


Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



Mr. Nanda Kumar, guest speaker explaining about applications of electronics in the field of automobiles



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

INTERNATIONAL FDP REPORT-ATTENDED

TOPIC: CITATION & REFERENCE MANAGEMENT FOR SCHOLARLY WRITING

DATE: 26.02.2024 to 28.02.2024

TIME: 04:00PM – 05:30PM IST

VENUE: ONLINE

Ms. T. Naga Lakshmi, coordinator, Faculty of Electronics, Department of physical sciences attended a three-day International Level Faculty Development Programme on Citation and Reference Management for Scholarly Writing online from February 26th to February 28th, 2024. Dr. P. Mathivanan, Associate Professor of Decision Sciences at NSB Bangalore in Karnataka, India, is the resource person for the three-day International FDP. Dr. P. Mathivanan demonstrated how to search for articles using Journal Finder Elsevier, as well as how to find impact factors, add references by using Mendeley Reference Manager, references for the research publications. The objective of the FDP is to equip learners with the knowledge of using Mendeley Reference Manager software. Participants learned how to use the software and understood its helpfulness in their research work.

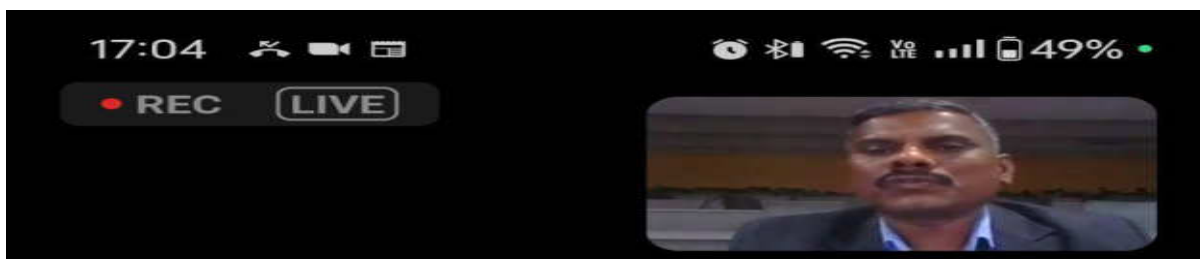


Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

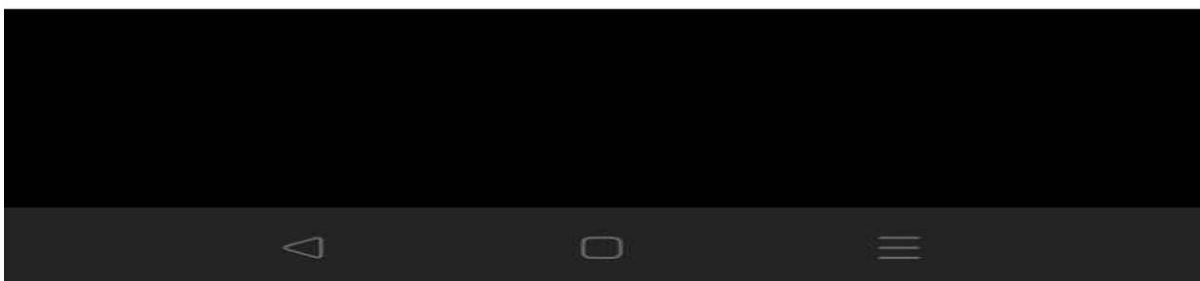
Managed by Brothers of St. Gabriel Educational Society



Popular Citation Styles		
And Who Uses Them!		
	MLA	English Literature Foreign Language Communications Religious Studies
	APA	Psychology Education Business/Economics Nursing Linguistic Studies
	Chicago	History Art History Fine Arts Anthropology Philosophy
	IEEE	Engineering Computer Science Information Science
	CSE	Biology Physics Chemistry Geology

Always check with your instructor about what style to use!

<https://images.app.goo.gl/a98\>



Dr. P. Mathivanan explaining about different styles of citations

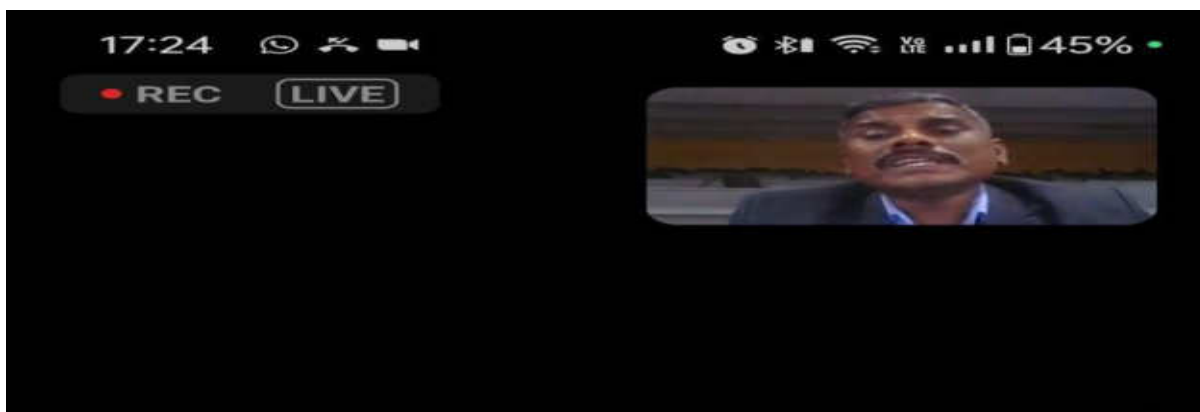


Little Flower Degree College

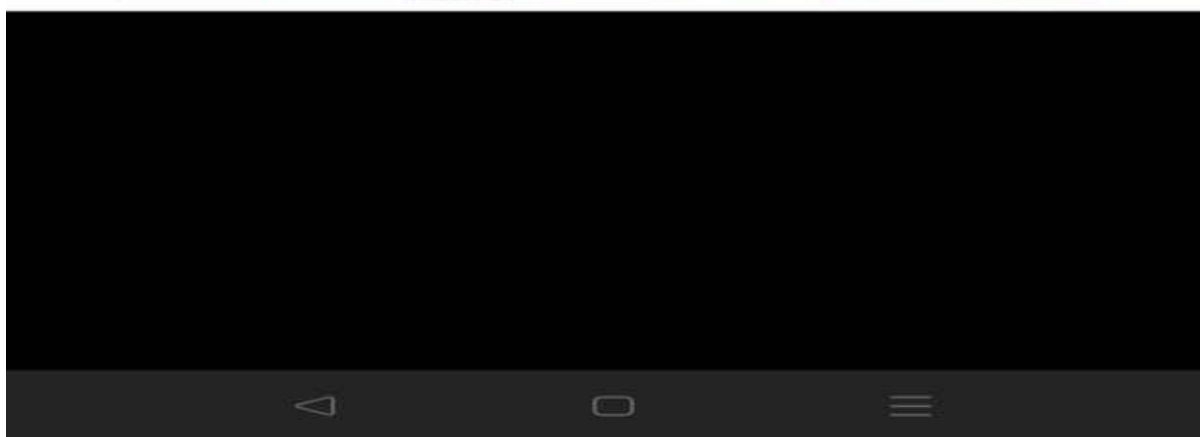
(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society



	EndNote	Mendeley	ProQuest	Readcube	Sciflow	Scopus
Platform	Cross-platform	Desktop & Web components, cross-platform	Mac, Windows and iOS	Desktop & Web components, cross-platform	web-based, browser-access	Mac, Windows, Linux stand-alone, web-based
Cost	\$299.95, free to Uni-Tuebingen (web version free)	Free with free online storage of 2 GB, with premium features	\$79	Free app with premium features for \$59/year	\$100/year	Free with free online storage of 500 MB
Direct search of online catalogues or databases	Yes	No	Yes	Yes	Yes	No
Compatible word processors	Word, Open Office and Pages, LaTeX through BibTeX	Word, Open Office and Pages, Google Docs and LaTeX through BibTeX	Word, Open Office, Pages, TextEdit, HTML	Word	Any word processor or program which can save files as RTF	Word, Open Office, Google Docs, LaTeX through BibTeX
Mixing features/ Problems	Ease of use, affordability	Integrated search, annotations and notes, not saved in exportable, cross-platform form	Stability	Many features still in beta	Dated until it starts using the Flow interface	Ease of set-up, integrated PDF viewer, integrated search, tags
Notable features	Automatic downloading of PDFs from within interface, most widely used	Excellent integration with Word to create bibliography in many journal styles, steep learning curve, works excellently with Zotero, social features	Design and excellent integration with Word and Pages	Also available for Kindle, best PDF viewer, Recommended articles based on your library	No software needed, steep learning curve	Notes can stand alone or be attached to PDFs, registration optional, syncs with Mendeley, best meta data extraction



Dr. P. Mathivanan comparing different types of reference management software