

REPORTS OF ACTIVITIES OF TRENDS IN TECHNOLOGY

2018-19



MES ASMABI COLLEGE

www.mesasmabicollege.edu.in

PG DEPARTMENT OF ENGLISH

Lecture on "Informatics"

Name of the Coordinator : Ms. Reena Mohamed
Organizing Department/Cell : PG Department of English
Date of the Program : 05 November 2018
Number of Participants : 35 students
Resource Person/s : Ms. Betsy Chacko, Assistant Professor, Department of Computer Science, St. Mary's College, Thrissur

Program Objectives:

The objective of the lecture was to educate the fifth-semester students about the topic of "Informatics," providing them with insights into the intersection of computer science and language studies.

Program Participants:

35 students from the fifth semester actively participated in the lecture.

Report of the Program:

The invited lecture on "Informatics" was conducted by the PG Department of English for the fifth-semester students. Ms. Betsy Chacko, an Assistant Professor from the Department of Computer Science at St. Mary's College, Thrissur, served as the Resource Person. The program commenced at 10.30 am and concluded at 12.30 pm. During the session, Ms. Chacko delivered an informative lecture, providing valuable insights into the field of Informatics.

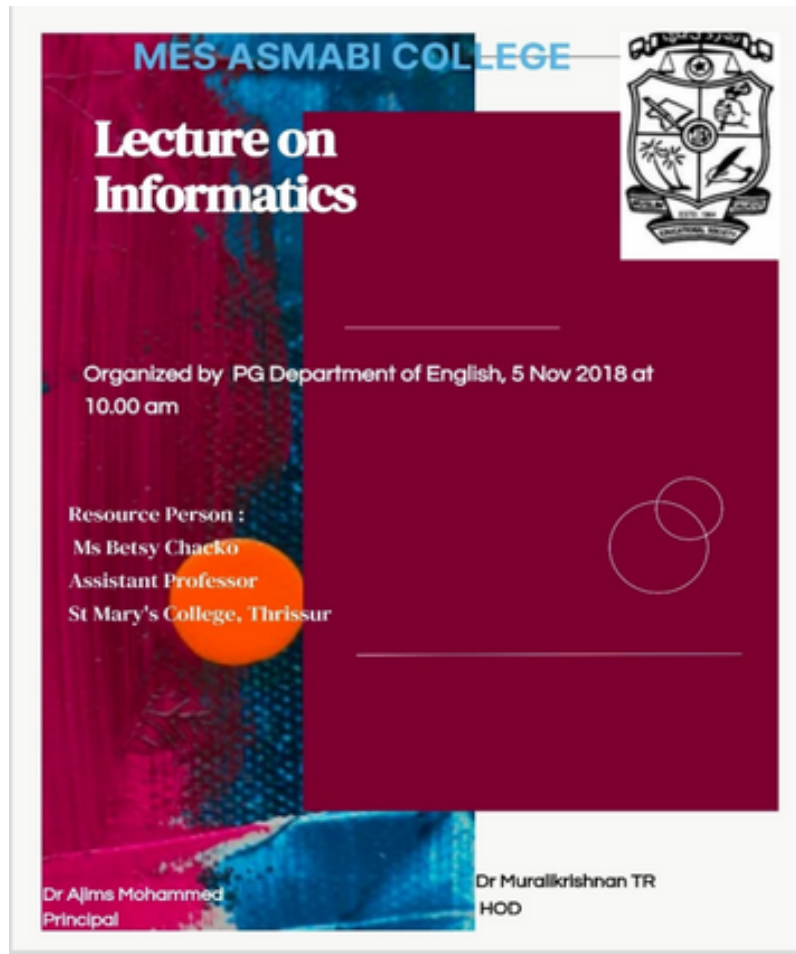
Program Outcomes:

The lecture enhanced the students' understanding of the interdisciplinary nature of Informatics, fostering connections between computer science and language studies. Participants gained knowledge about the practical applications of Informatics and its relevance in the modern digital age.

Feedback and Evaluation:

The lecture received positive feedback from the participating students, who found the topic engaging and the presentation informative. Ms. Reena Mohamed, in her welcome speech, expressed gratitude to Ms. Chacko for her enlightening presentation. Ms. Sabitha M M, in her vote of thanks, appreciated the Resource Person for sharing her expertise with the students

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Brochure



Lecture on Informatics by Ms. Betsy Chacko.



PG DEPARTMENT OF ENGLISH

Lecture on "Informatics"

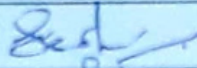
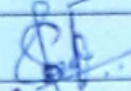
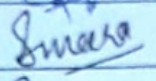
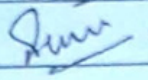
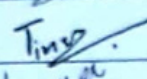
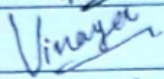
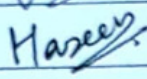
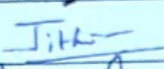
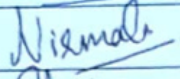
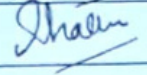
(Participation List)

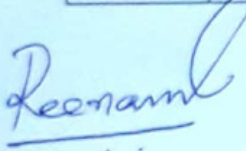
Sl. No	Name of the student	Signature
1	ASHA M A	Asha
2	NADEERA P N	Nadeera
3	ASHITHA V A	Ashitha
4	ASHNA C A	Ashna
5	JASNA ISMAIL	Jasna
6	JUHAINA K S	Juhaina
7	NEETHU DAS	Neethu
8	POURNAMI J NAIR	Pournami
9	RAGEANTHU P K	Rageanthu
10	SAFNA K S	Safna
11	SAHEEKA FARZANA	Saheeka
12	SAJNATHUL MUBEENA	Sajnathul
13	SALMA SHIRIN	Salma
14	SANNA P SALIM	Sanna
15	SHINSIYA K M	Shinsiya
16	ANANTHAKRISHNAN R V	Ananthakrishnan
17	AFEELA	Afeela
18	ANJANA ARJUNAN	Anjana
19	DILNAZ	Dilnaz
20	FATHIMA P S	Fathima
21	HASHITHA K S	Hashitha
22	NAJMA K M	Najma
23	RAMSIYA K B	Ramsiya
24	RESHMA K S	Reshma
25	SETHULAKSHMI	Sethulakshmi

PG DEPARTMENT OF ENGLISH

Lecture on "Informatics"

(Participation List)

26	SHAHINA P J	
27	SILPA A T	
28	SMEERA C S	
29	SUMAYYA K A	
30	TINCY A J	
31	VINAYA P PRAKASAN	
32	HASEEN K A	
33	JITHIN A A	
34	NIRMAL GEORGE	
35	SHABNAM SAKIYA	



Dr. Reena Mohamed PM
Assistant Professor & HoD
PG & Research Department of English
MES Asmabi College
P. Vemballur

3 Days National workshop on Research data analysis Application of GIS and Research writing in Ecology Environment Conservation biology and Angiosperm Taxonomy

The three-day workshop was organised for the researchers and students to aspire to research as a passion. It was organised at MES Asmabi College from October 23–25, 2019. This was organised jointly by the Research Department of Botany at MES Asmabi College and the Western Ghats Hornbill Foundation, with support from the Kerala GIS Community. The workshop aimed to provide participants with a platform to enhance their research skills and foster collaboration among researchers and students in the field of botany and GIS technology.

The training on Ecology, Environment Conservation Biology, and Angiosperm Taxonomy was in the fields of 1. research data analysis, 2. application of GIS, and 3. research writing. The workshop was inaugurated by Dr. N. Sasidharan, Scientist, KFRI. The workshop was conducted over three days based on research data analysis and the application of GIS in research writing.



The programme had both theoretical and technical sessions in the areas of life science, forestry, conservation biology, environmental science, and social science. Dr. N. Sasidharan led the technical discussion on the development of angiosperm taxonomy and its applications in GIS technology. Dr. Sasidharan shared his expertise on the latest techniques and tools used in angiosperm taxonomy, highlighting the importance of accurate classification and identification for conservation efforts.

Ms. Aswini, CGIST on Fundamentals of GIS and its Application in Ecology and Conservation, discussed the fundamental principles of GIS and its application in the field of ecology and conservation. She emphasised the role of GIS in analysing spatial data and making informed decisions for effective conservation planning. to help participants develop a comprehensive understanding of the intersection between botany and GIS technology. Through hands-on exercises and interactive discussions, participants gained practical knowledge on how to analyse research data, utilise GIS tools for mapping and spatial analysis, and effectively communicate their findings through research writing. This training not only equipped participants with valuable skills but also encouraged networking and collaboration among researchers and students in the field of botany and GIS technology.

The session provided valuable insights into the integration of technology and science for better understanding and management of ecosystems. Dr. Amitha Bachan K.H. provided a technical session on research designs on tropical vegetation dynamics and the application of GIS. Highlighted the importance of using GIS to analyse changes in vegetation patterns over time and its impact on ecosystem dynamics. Additionally, Dr. Bachan discussed how GIS can be used to identify priority areas for conservation efforts, such as by mapping habitat corridors and identifying areas at risk of deforestation.

A total of 21 students and niche teachers participated in the training. Participants gained hands-on experience using GIS software to analyse and map plant species distribution, enhancing their understanding of the intersection between botany and GIS technology. The workshop was a great success and well supported by the students, researchers, and professionals with interdisciplinary expertise in conservation and environmental science . The participants were able to apply their newly acquired skills in real-world scenarios, such as identifying areas where deforestation is likely to occur and proposing strategies for conservation efforts. This collaboration between students, researchers, and professionals fostered a rich exchange of knowledge and ideas, further advancing the field of conservation and environmental science.

ABOUT

The workshop is being organized by Research Department of Botany, MES Asmabi College, P. Vemballur in collaboration with Western Ghats Hornbill Foundation and Kerala GIS Community. This includes theory sessions and hands on training on the research areas of Life Science, forestry, conservation biology, Environmental Science and social science.

The hands on training will be given for selected 30 candidates on Analysis of ecological and vegetation data, use of GIS Mapping in conservation and environmental studies, Advancements in Plant taxonomy including nomenclature and illustrations and Research writing.

This will be useful for students and professionals seeking interdisciplinary expertise in conservation and environment science especially masters and doctoral students.

This is being organized as part of the Golden Jubilee celebrations of MES Asmabi College, P. Vemballur and a curtain raiser of short-term courses such as 1. Advanced GIS and Remote Sensing for Ecology, Environment and Conservation, 2. Ecosystem Dynamics, Climate Change and Ecological Monitoring (specialization of Western Ghats and Himalayas), 3. Eco-restoration and sustainable Management of Tropical Ecosystems, 4. Conservation legislations and Management of Forest Ecosystems, 5. Indigenous Rights and Inclusive Conservation in association with Western Ghats Hornbill Foundation, Kerala GIS Community, Christ university Bangalore and UPSA- HRDC, Nainital.

REGISTRATION

The seats for general session (Day 1) is open to a wide registered audience, but day 2 & 3 are restricted to 30 participants only on first come first served basis.

CATEGORY	FEES	LAST DATE
For general session - seminar only	Rs. 200/	- 21/10/2019
Entire workshop (students)	Rs. 800/	- 15/10/2019
Entire workshop (Professionals)	Rs. 1500/	- 15/10/2019

For registration, please visit - www.hornbillfoundation.org
copy and paste this link - <https://forms.gle/bVnF7hMlFY9zHHI7>

Patrons

Dr. Ajims P. Muhammad
Principal
Mr. Salim Arakkal, Secretary &
Correspondent
Dr. K.M. Mohamed Nasser
HoD, Research Dept. of Botany
MES Asmabi College
Convener
Dr. K. H Amitha Bachan

Joint conveners

Mr. Anoop Chandran
Mrs. Shemi CB,
Dr. Girija T.P.
Mrs. Anitha K.T.
Asst. Convener
Sreehari S Nair
8547394911
Pooja Suresh
9645661186



**23 - 25
OCTOBER 2019**

3 Day National Workshop For Research Scholars & Students

© MES Asmabi College, P. Vemballur,
Kodungallur, Kerala, India.

Research, Data analysis, Application of GIS
and Research Writing In Ecology, Environment,
Conservation Biology
& Angiosperm Taxonomy

**Research Department of Botany
MES Asmabi College
P. Vemballur**

**Western Ghats Hornbill Foundation
&
Kerala GIS Community**

PROGRAMME SCHEDULE

THEORETICAL SESSION

23RD OCTOBER 2019 - DAY 1

INAUGURATION & KEYNOTE TALK

CONSERVATION RESEARCH IN THE CHANGING CLIMATE

Dr. PRIYADARSANAN DHARMAJAN
SENIOR FELLOW & PROGRAMME LEADER (ECOSYSTEMS AND GLOBAL
CHANGE)
ATREE, BANGALORE.

ADVANCEMENTS IN TROPICAL ANGIOSPERM TAXONOMY

DR. N. SASIDHARAN
DEPUTY DIRECTOR REGIONAL
NATIONAL MEDICINAL PLANT BOARD, SOUTHERN REGION, KFRI

FUNDAMENTALS OF GIS AND ITS APPLICATION IN ECOLOGY AND CONSERVATION BIOLOGY

MS. ASWINI A
SENIOR FACULTY, CGIT & KERALA GIS COMMUNITY

TROPICAL VEGETATION DYNAMICS : ANALYSIS AND INTERPRETA- TION

DR. K. H AMITHA BACHAN
ASSI. PROF., RESEARCH GUIDE, (MEMBER IUCN SPECIES SPECIALIST
GROUP)
RESEARCH DEPT. OF BOTANY

The participants will get an opportunity to get preferences in certificate / mooc/ internships / training courses useful for completion of their research and publications

TECHNICAL SESSIONS

24TH OCTOBER 2019

9.30 AM – 12.30 PM

GIS APPLICATION IN ECOLOGY AND CONSERVATION BIOLOGY
MR. ANOOP CHANDRAN/ MS. ASWINI A
KERALA GIS COMMUNITY

12.30 PM – 1.30 PM LUNCH BREAK

1.30 PM – 4.30 PM

METHODS OF VEGETATION - ECOLOGICAL DATA ANALYSIS
DR. K. H AMITHA BACHAN

25TH OCTOBER 2019

9.30 PM – 12.30 PM (PARALLEL SESSIONS)

VENUE -1

ESSENTIALS OF ADVANCED ANGIOSPERM TAXONOMY
(NOMENCLATURE PROBLEMS, TAXONOMIC KEYS & ILLUSTRATIONS)
DR. C. N. SUNIL
ASSO. PROF. & RESEARCH GUIDE (RTD.)

APPLICATION OF NUMERICAL TAXONOMY AND PHYLOGENY

MR. SREEHARI S. NAIR
FELLOW, HORNBILL FOUNDATION

VENUE -2

ESSENTIAL STATISTICS FOR ECOLOGY USING SPSS

DR. SHAFER P.S.
DEPT. OF COMMERCE , MES ASMABI COLLEGE.
12.30 PM – 1.30 PM LUNCH BREAK
1.30 PM – 4.30 PM

INTERPRETATION OF DATA AND RESEARCH WRITING

DR. K.H. AMITHA BACHAN






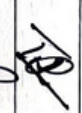


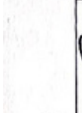











MES Asmabi College is a NAAC Accredited Institution with its
Research Department of Botany specialized in systematics and
ecology of tropical wetlands and forests.
www.mesasmabi.com





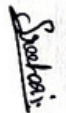





Western Ghats Hornbill Foundation focus primarily indigenous com-
munity based conservation, monitoring and ecorestoration of on
tropical forests, riparian ecosystems, hornbills and river basins
www.hornbillfoundation.org

List of Participants
3 Day national workshop for Research scholars and Students
23rd to 25th October 2019

Sl. No.	Name	Email	Organization	Designation	Institutional Address	Signature
1	Nazeema M K	nasi0814@gmail.com	MES Kalladi College, Mannarkkad	Faculties Doing Research	MES Kalladi College, Mannarkkad College Post Mannarkkad Palakkad	
2	Vivek Chandran A	avivekchandran@gmail.com	Department of Geology and Environmental Science, Christ College, Irinjalakuda	PhD Student	Department of Geology and Environmental Science, Christ College, Irinjalakuda, Thrissur	
3	Sreejith A.C	sreejithchandran143@gmail.com	Christ college ,Irinjalakuda	PhD Student	Department of Environmental science ,Christ college ,Irinjalakuda	
4	Haritha R Nair	haritha.nair@yahoo.com	St.Teresas college Emakulam	PhD Student	St.Teresas College Autonomous Emakulam	
5	Sehulakshmi .C.B	sehulakshnich17@gmail.com	M.E.S Asmabi college .P. Vemballur	MSc (Masters Student)	M.E.S Asmabi College.P. vemballur. kodungallur. Thrissur	
6	Krishnaraj T R	krishnatraj96@gmail.com	M.E. S Asmabi College, P. Vemballur	MSc (Masters Student)	M. E. S Asmabi college. P. Vemballur	
7	Vaishnavi K P	vaishnavily@gmail.com	S N COLLEGE NATTIKA	MSc (Masters Student)	SREE NARAYANA COLLEGE NATTIKA	
8	Shanuja N S	shanujashaj103@gmail.com	MES Asmabi College .P. Vemballur	MSc (Masters Student)	MES Asmabi College. P. Vemballur	
9	Dalidas. C. D	dalidascdamm@gmail.com	M E S Asmabi College.	MSc (Masters Student)	MES Asmabi College. P. Vemballur.	

10	Abidha. E. K	ekabidha@gmail.com	M.E.S Asmabi college, P. Vemballur, kondungallur.	PhD Student	M.E.S Asmabi college, P. Vemballur	
11	Sandev Varghese	sandevvarghese@gmail.com	N/A	Others- employed interested in Research	N/A	
12	Aswathy R Nair	ashwathyrnair99@gmail.com	Thunjath Ezhuthachan Malayalam University	PhD Student	Thunjath Ezhuthachan Malayalam University, Vakkad, Tirur	
13	Neethu T	ashwathyrnair99@gmail.com	Thunjath Ezhuthachan Malayalam University	MPhil Student	Thunjath Ezhuthachan Malayalam University, Vakkad, Tirur, Malappuram	
14	Panchami.C	panchamickkd@gmail.com	Malayalam university	MPhil Student	Malayalam university, vakkad (po), Thirur, Malappuram	
15	Panehami.C	panchamickkd@gmail.com	Malayalam university	MPhil Student	Malayalam university, vakkad (po)-Thirur, Malappuram	—
16	Sreeshma P S	ps.sreeshma93@gmail.com	St.Thomas' college(Autonomous),thr issur	PhD Student	St.THOMAS' COLLEGE,THRISSUR 01	
17	Vishal Sathesh	vishal_sathesh@uoc.ac.in	Department of Botany, University of Calicut	MSc (Masters Student)	Department of Botany, University of Calicut, Thenipalam, Malappuram, Kerala - 673635	
18	Haritha P Bharathan	harithapb998@gmail.com	Department of Botany, University of Calicut	MSc (Masters Student)	Department of Botany, University of Calicut, Thenhipalam, Malappuram, Kerala - 673635	
19	Nisamudheen	nisamckkr@gmail.com	MES Asmabi College	MSc (Masters Student)	MES ASMABI COLLEGE, P VEMBALLUR	

20	Sabin.P.Q	sabinasmabi@gmail.com	MES Asmabi college	PhD Student	Research and PG department of botany, MES Asmabi college, P. Vembellur, kodungallur	
21	C.T.Anitha	anithasajeev913@gmail.com	Sree Narayana College Natika	Others- employed interested in Research	Assistant Professor, Dept. Of Botany, S. N.College Natika	
22	Sheeja P.Parayil	shjparayil@gmail.com	SNCCollege,Natika	Faculties Doing Research	Asst. Prof. Dept of Botany SNCCollege, Natika	
23	Anitha K T	anithakachhu@gmail.com	MES Asmabi college	PhD Student	Research and PG department of botany, MES Asmabi college, P. Vembellur, kodungallur	
24	Sreehari S. Nair	sreeharisnair19@gmail.com	MES Asmabi college	PhD Student	Research and PG department of botany, MES Asmabi college, P. Vembellur, kodungallur	
25	Devika M. Anilkumar	devikamadathi199@gmail.com	MES Asmabi college	MSc (Masters Student)	Research and PG department of botany, MES Asmabi college, P. Vembellur, kodungallur	
26	Gouthami V.	gouthamimanjeri@gmail.com	MES Asmabi college	PhD Student	Research and PG department of botany, MES Asmabi college, P. Vembellur, kodungallur	
27	Pooja Suresh	poojasureshpi@gmail.com	MES Asmabi college	PhD Student	Research and PG department of botany, MES Asmabi college, P. Vembellur, kodungallur	

28. Anila K.T

anilakt2016@gmail.com

"

M.Sc. student

"



29. Deepika V

deepikachackrishnan@gmail.com

"



Dr. Anitha Balan, K.A. (10-12-19)
 Assistant Professor & Research Guide
 Research & PG Department of Botany
 MES Asmabi College, P.Vemballur
 Kodungallur, Thrissur-680671, Kerala-India

PG DEPARTMENT OF PHYSICS

TALK ON INTELLECTUAL PROPERTY RIGHTS (IPR) IN SCIENCE AND TECHNOLOGY

Date : January 17, 2019

Venue : Department of Physics, MES Asmabi College, P Vemballur

Introduction:

The Department of Physics, MES Asmabi College, P Vemballur, organized a talk on Intellectual Property Rights (IPR) in Science and Technology on January 17, 2019. The event aimed to enlighten students on the importance of IPR in the field of science and technology and its role in enhancing competitiveness. Dr. Ansar E B, an Assistant Professor in the Department of Chemistry and a Post Doctoral Fellow at Sri Chithira Thirunal Institute of Science and Technology, was invited as the resource person. Time: The program commenced at 10:00 am and lasted for approximately two hours. Participants: Around 50 students from the Department of Physics attended the event, showing a keen interest in the subject matter.

Event Highlights:

1. Welcome Address: Sheena P A, the Head of the Department (HOD) of Physics, warmly welcomed the gathering. She expressed her gratitude to Dr. Ansar E B for sharing his expertise on the vital topic of IPR.
2. Resource Person: Dr. Ansar E B, with a background in Chemistry and a Post Doctoral Fellowship at Sri Chithira Thirunal Institute of Science and Technology, took center stage as the key speaker.
3. Presentation: Dr. Ansar E B began the session with a comprehensive introduction to Intellectual Property Rights (IPR). He elaborated on the various facets of IPR, including copyrights, patents, and other related terms. He explained how these legal mechanisms protect intellectual creations and innovations in the realm of science and technology.
4. Significance of IPR: Dr. Ansar E B emphasized the importance of IPR in fostering innovation and competition within the field of science and technology. He discussed how granting intellectual property rights to inventions can motivate researchers and inventors, ultimately driving technological progress.
5. Interactive Session: The presentation was followed by an interactive session in which students had the opportunity to ask questions and engage in discussions. This facilitated a better understanding of the subject matter and allowed students to clarify any doubts they had.
6. Vote of Thanks: Rishvana Parveen, a second-year undergraduate student, extended her gratitude to Dr. Ansar E B for his enlightening talk and thanked all the attendees for their active participation.

Conclusion:

The talk on Intellectual Property Rights in Science and Technology organized by the Department of Physics at MES Asmabi College, P Vemballur, on January 17, 2019, proved to be an informative and insightful event. Dr. Ansar E B's expertise and in-depth knowledge on the subject provided students with a comprehensive understanding of the importance of IPR in the world of science and technology. The event was well-received by the attendees and left them with a greater appreciation of the role IPR plays in promoting innovation and competitiveness. It served as a valuable educational experience and a step toward building a more IP-aware generation of students.



M.E.S ASMABI COLLEGE

DEPARTMENT OF PHYSICS

Talk on- **IPR IN SCIENCE AND TECHNOLOGY**



Resource person:
Dr. Ansar E B
Assistant Professor
Dept of Chemistry
M E S Asmabi College

17 JANUARY 2019 | 10:00 AM
Venue: Seminar Hall

Brochure of the Event.

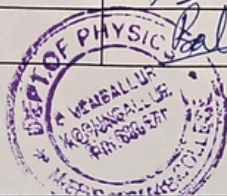
Dr. Ansar E B talking about IPR.



MES ASMABI COLLEGE
DEPARTMENT OF PHYSICS
TALK ON IPR IN SCIENCE AND TECHNOLOGY ON 17/01/2019
LIST OF PARTICIPANTS

SI No	NAME	SIGNATURE
1	RAHEELA N M	<i>Raheela</i>
2	MUHAMMED VIDAD A	<i>M Vidad</i>
3	AMMAR IBNU AYYOUB K A	<i>Ammar</i>
4	AMRITHA SIDHARTHAN	<i>Amritha</i>
5	ASWIN V S	<i>Aswin</i>
6	FREDDY BABU	<i>Freddy</i>
7	GOPIKA M J	<i>Gopika</i>
8	MISRIYA M HUSSAIN	<i>Misriya</i>
9	MUHSINA T N	<i>Muhsina</i>
10	NAFEESATH MISRIYA M M	<i>Nafeesath</i>
11	NAHID V N	<i>Nahid</i>
12	NANDAKRISHNA K S	<i>Nandu</i>
13	NIKHIL M S	<i>Nikhil</i>
14	PRAGEERTHA V P	<i>Prageertha</i>
15	SALMABI KA	<i>Salmabi</i>
16	SNEHA N S	<i>Sneha</i>
17	SOSHIMA K S	<i>Soshima</i>
18	SREYA T S	<i>Sreya</i>
19	THANAS	<i>Thanas</i>
20	AFRIN FAIZAL	<i>Afrin</i>
21	AKSHARA SHAJI	<i>Akshara</i>
22	AMAL A A	<i>Amal</i>
23	ANJITHA V S	<i>Anjitha</i>
24	ARJUN A A	<i>Arjun</i>
25	BLESSON FRANCIS	<i>Blesson</i>

HOD
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P.O.P.VEMBALLUR
KODUNGALLUR-680 671



26	CHRISTY ANTONY	<i>Christy</i>
27	CLINCE JOSE	<i>Clince</i>
28	HANEENA A S	<i>Haneena</i>
29	HARITHA T J	<i>Haritha</i>
30	HASHIM P	<i>Hashim</i>
31	SAHANA E U	<i>Sahana</i>
32	SAHANA YASMIN A R	<i>Sahana</i>
33	SHAHANAS T A	<i>Shahana</i>
34	SHAHINA T A	<i>Shahina</i>
35	SHAMNA M S	<i>Shamna</i>
36	HASHMITHA T E	<i>Hashmitha</i>
37	IMA K G	<i>Ima</i>
38	KRISHNA K S	<i>Krishna</i>
39	MOHAMED JAHIM T I	<i>Mohamed</i>
40	MUNEERA C S	<i>Muneera</i>
41	NAWRAS P S	<i>Nawras</i>
42	RADHIKA M MENON	<i>Radhika</i>
43	RAFNA M R	<i>Rafna</i>
44	SAFNA P J	<i>Safna</i>
45	SAMEENA M A	<i>Sameena</i>
46	SHAHANA BEEVI	<i>Shahana</i>
47	SHIBIL K	<i>Shibil</i>
48	SREERAG S KUMAR	<i>Sreerag</i>
49	SUROORA K A	<i>Suroora</i>
50	AKHILA	<i>Akhila</i>

Seenaa

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