



S.G.V.C Vidya Prasarak Trust's
**M.G.V.C Arts, Commerce and Science
College, Muddebihal**

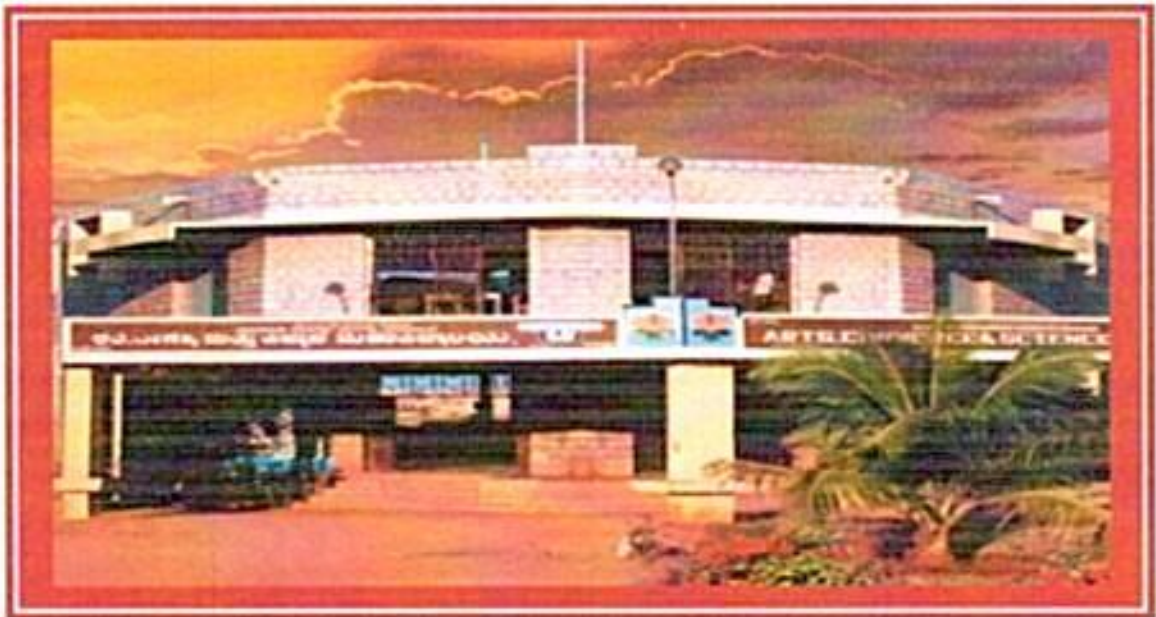
(Re-Accredited with CGPA of 3.31 on Seven Point Scale at A+ Grade)

**Department of Physics
Conducted Certificate Course**

"Introduction to Solar Cells "

Academic Year- 2022-23

Date: 06-01-2023 to 30-01-2023



BROCHURE

PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

To,

The Principal,
M.G.V.C.Arts, Commerce and Science College,
Muddebihal, Dist. Vijayapur

Sub.:- Permission to start Certificate Course in Physics during
2022-23.

Respected Sir,

We are going to start Certificate Course in "Introduction to Solar cells" during the 2022-23. for the students of B.Sc Physics (Optional) students. The course syllabi are based on introduced to the history and early development of solar cells. We will also start to do some calculations of efficiency and energy output of solar cells.

Please discuss with the management and permit to start the above said course. This will help the students and we will take utter care in implementing the course more effectively so that it will help our students in future.

Thank you.


Prof.S.M.Nimbalegundi
Co-Ordinator of Certificate Course
M.G.V.C. College, Muddebihal



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

☎ : 08356220329

FAX : 08356220329

• email : princmgvc@gmail.com • www.mgvcmbi.in •

Ref. No. :

Date :

To,

Head, Department of Physics

M.G.V.C. Arts, Commerce and Science College,

Muddebihal.

Sub: Certificate course in "Introduction to Solar cells" during 2022-23
reg...

With reference to your letter regarding starting of certificate course in Introduction to Solar cells under the supervision of your department, I am happy to say that the management is permitted to start Certificate course. Guest faculty will be paid remuneration as per rules and contingency expenditures will be borne by the management.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
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Ref. No. :

Date : 4/1/23

Notice

We are going to start Certificate Course in "Introduction to Solar cells" during the 2022-23." for the students of B.Sc Physics (Optional) students. The course syllabi are based on introduced to the history and early development of solar cells. We will also start to do some calculations of efficiency and energy output of solar cells.

The students hereby informed to utilise this Golden Opportunity which will help in writing articles. The interested students may contact Prof. S.M.Nimbalagundi Co-ordinator of the course for admission and other information.


PRINCIPAL,
Principal
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



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Ref. No. :

Date : 4/1/23

Panel of Board of Studies

Certificate course in Introduction to Solar cells

Sl.No.	Name of the faculty	Designation	Address/Office
1.	Prin. S.N.Poleshi	Chairman	Principal, MGVC College, Muddebihal
2.	Prof. S.M.Nimbalagundi	Co-ordinator	Associate Professor in Physics M.G.V.C.College, Muddebihal
3.	Smt.A.I.Akki	Member	Lecturer in Physics M.G.V.C.College, Muddebihal
4.	Miss.A.B.Katti	Member	Lecturer in Physics M.G.V.C.College, Muddebihal
5.	Prof.M.H.Loni	Resource Person	Associate Professor in Physics GP Porwal College Sindagi

Co-ordinator


PRINCIPAL,
Principal
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

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Ref. No. :

Date : 4/1/23

To,
Prof. S.M.Nimbalagundi
Associate Professor in Physics
M.G.V.C.College, Muddebihal

Sub: Appointment as Co-ordinator for certificate course reg...

Respected sir,

We are happy to say that, you have been appointed as Co-Ordinator of board of studies for Certificate Course in "Introduction to Solar cells" during 2022-23. The BOS meeting will be held on 5/1/2023 at Department of Physics to formulate the syllabus and pattern of course structure. Please contact the undersigned to chalk out complete programme of the course.

Thanking you,


PRINCIPAL,
Principal
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

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☎ : 08356220329

FAX : 08356220329

• email : princmgvc@gmail.com • www.mgvcmbl.in •

Ref. No. :

Date : 4/1/23

To,
Prof.M.H.Loni
GPPorwal Arts, Com and Science College
Sindagi

Sub :- Appointment as Resource Person for certificate course reg...

Respected sir,

We are happy to say that, you have been appointed as **Resource Person** of Board of Studies in Certificate Course in "Introduction to Solar cells" during the 2022-23. The BOS meeting will be held on 5/1/23 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you


PRINCIPAL,
Principal
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

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☎ : 08356220329

FAX : 08356220329

• email : princmgvc@gmail.com • www.mgvcmb.in •

Ref. No. :

Date : 4/11/23

To,

Prof. Miss.A.B.Katti
Lecturer in Physics
M.G.V.C.College,
Muddebihal

Sub :- Appointment as member for certificate course reg...

Respected madam,

We are happy to say that, you have been appointed as **member** of Board of Studies in Certificate Course in "Introduction to Solar cells" during the 2022-23. The BOS meeting will be held on 5/1/2023 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
Principal
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDEBIHAL-586212. Dist. Vijayapur (Karnataka)

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☎ : 08356220329

FAX : 08356220329

• email : princmgvc@gmail.com • www.mgvcmbl.in •

Ref. No. :

Date : 4/1/2023

To,

Prof. Smt.A.I.Akki
Lecturer in Physics
M.G.V.C.College,
Muddebihal

Sub: - Appointment as member for certificate course reg...

Respected madam,

We are happy to say that, you have been appointed as member of Board of Studies in Certificate Course in "Introduction to Solar cells" during the 2022-23. The BOS meeting will be held on 5/01/2023 at Department of Physics to formulate the syllabus and pattern of course structure.

Thanking you


PRINCIPAL,
Principal
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

Department of Physics
Certificate Course in "Introduction to Solar cells"
Time - Table -2022-23

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
4 to 5 PM	4 to 5 PM	4 to 5 PM	4 to 5 PM	4 to 5 PM	4 to 5 PM

Note: Sunday Twohrs 9 To 11 AM

Co-Ordinator




PRINCIPAL,
Principal
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

SGVCVP Trust,
MGVC ARTS, COMMERCE AND SCIENCE COLLEGE
MUDDEBIHAL

DEPARTMENT OF PHYSICS

Certificate Course in "Introduction to Solar cells"

REGISTRATION FORM

Name of the Student : SHARAD. P. KADAM

Father's Name : RATNAJI. H. KADAM

Mobile Number : 9113550981

E - Mail ID : Sharad.kadam@214gmail.com

Date of Birth : 28/06/2002

Course Studying : Bsc

Contact Address : HUSCO COLONY MUDDEBIHAL-586212
: 10th cross
:

Place : Muddebihal

Date : 6/1/23


Signature of the Student

SGVCVP Trust,
MGVC ARTS, COMMERCE AND SCIENCE COLLEGE
MUDDEBIHAL

DEPARTMENT OF PHYSICS

Certificate Course in "Introduction to Solar cells"

REGISTRATION FORM

Name of the Student : Soukhya . Sajjan
Father's Name : Shivashankar
Mobile Number : 6363842462
E - Mail ID : Soukhyasajjan2002@gmail.com
Date of Birth : 30-07-2002
Course Studying : BSc
Contact Address : Sangameshwar Nagar
: Near Kanakadas school
: Muddebihal.

Place : Muddebihal

Date : 6/1/23


Signature of the Student

Department of Physics.

Syllabus for certificate course in Introduction to Solar cells"

Total Teaching Hours:31 Hrs

Introduction to Solar Cells

In this introduction module I would like to introduce you to the course its content and teaching style. I hope you will enjoy the way we have designed the course.

History of solar cells

The first topic in an introduction course on solar cells is naturally a historical overview. In this module you will briefly get introduced to the history and early development of solar cells. We will also start to do some calculations of efficiency and energy output of solar cells.

Why solar energy

The most important question one can ask must be: "Why is solar energy is an important topic and why should we develop solar energy?". This module does not claim to answer that question fully, but we will summarize the strong case for renewable energy.

Power from solar cells

How much power can a solar cell produce and how can we measure it? This question is the starting point for this module and we will go through the terminology, talk about light sources, and even measure a solar cell ourselves.

Modelling a solar cell

In this module we will introduce an equivalent circuit of a solar cell and use it to explain key concepts including short circuit current, open circuit voltage, parasitic resistances, and more. We will also talk about connected solar cells, and their behavior in shaded conditions.

How do solar cells work

In this module we will attack the topic: How do solar cells work? This module will be more theory heavy than other parts of the course, but

don't worry. We will focus on the key concepts that are necessary to understand how solar cells work, and skip the math.

Efficiency of solar cells

With knowledge of the working principles of solar cells, we are now ready to apply this knowledge to understand why there are limits to the efficiency of solar cells. We will also briefly look into loss mechanisms that limit the practical efficiency.

Silicon solar cells

Silicon solar cells are by far the most prevalent solar cell technology. In this module we will talk about why silicon is so abundant. We will also learn how silicon solar cells are made, what differentiates multi and monocrystalline silicon, and much more.

Thin film solar cells

Moving beyond silicon solar cells, the next important development is thin film solar cells. In thin film solar cells, we see a potential solution to the major problem associated with silicon solar cells: namely energy payback time.

Polymer solar cells

We will now turn to an example of a third generation solar cell technology: namely polymer solar cells. Polymer solar cells promise to solve all the problems we see with other technologies. They are cheap and fast to produce, they are non-toxic and use non-scarce materials, and they exhibit the lowest energy payback time of any technology. In this module we will learn about pros and cons of this interesting technology.

MGVC ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDDEBIHAL


Department of Physics

Certificate Course in "Introduction to Solar cells" during the 2022-23.

Course Evaluation Form

Please indicate your level of agreement with the statements listed below.

Sl. No	Statements / Questionnaires	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
1	The objectives of the course is clearly defined		✓			
2.	Participation and interaction were encouraged	✓				
3.	The teacher was well prepared	✓				
4.	The teacher make the course material interesting		✓			
5.	The teacher uses examples to make the materials easy to understand.	✓				
6.	The teacher was knowledgeable about the course		✓			
7.	The teacher stimulated to interact in the course.	✓				
8.	The time allotted for the course was sufficient.	✓				
9.	The course experience will be useful for research activities.		✓			
10.	The facilities were adequate and comfortable.		✓			


Signature of the Student

MGVC ARTS, COMMERCE AND SCIENCE COLLEGE,
MUDDEBIHAL

Department of Physics

Certificate Course in "Introduction to Solar cells" during the 2022-23.

Course Evaluation Form

Please indicate your level of agreement with the statements listed below.

Sl. No	Statements / Questionnaires	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
1	The objectives of the course is clearly defined		✓			
2.	Participation and interaction were encouraged	✓				
3.	The teacher was well prepared	✓				
4.	The teacher make the course material interesting		✓			
5.	The teacher uses examples to make the materials easy to understand.	✓				
6.	The teacher was knowledgeable about the course		✓			
7.	The teacher stimulated to interact in the course.	✓				
8.	The time allotted for the course was sufficient.	✓				
9.	The course experience will be useful for research activities.		✓			
10.	The facilities were adequate and comfortable.		✓			



Signature of the Student

MGVC ARTS, COMMERCE AND SCIENCE COLLEGE, MUDDEBIHAL

Department of Physics

Certificate Course in "Introduction to Solar cells" during the 2022-23.

Attendance Sheet

Sl.No	Name of the student	6/1/23	7/1	8/1 (2hrs)	9/1	10/1	11/1	12/1	13/1	14/1	15/1 2 Hrs	16/1	17/1	18/1	19/1
01.	Anand. Mahan?	Ashekan	Ashekan	Ashekan	Ashekan	A	Ashekan	Ashekan	Ashekan	Ashekan	Ashekan	Ashekan	Ashekan	Ashekan	Ashekan
02.	Asun. Higemath.	Asun	Asun	Asun	Asun	Asun	Asun	A	Asun	Asun	Asun	Asun	Asun	Asun	Asun
03.	Kasabasappa. Angadi	KA	KA	KA	A	KA	KA	KA	KA	KA	KA	KA	KA	KA	KA
04.	Kaathik. Kanchan?	KA	KA	KA	KA	A	KA	KA	KA	KA	KA	KA	KA	KA	KA
05.	Mallikarjun. Bhandar	Bhandar	Bhandar	Bhandar	Bhandar	Bhandar	Bhandar	A	Bhandar	Bhandar	Bhandar	Bhandar	Bhandar	Bhandar	Bhandar
06.	Paashant. Bisadga	Bis	Bis	Bis	Bis	Bis	Bis	A	Bis	Bis	Bis	Bis	Bis	Bis	Bis
07.	Rakshitkumar	RK	RK	RK	A	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK
08.	Shasad. Kadam	SK	SK	SK	SK	SK	SK	A	SK	SK	SK	SK	SK	SK	SK
09.	Somangoud. Patil	SP	SP	SP	SP	SP	A	SP	SP	SP	SP	SP	SP	SP	SP
10.	Rahul. Chavan	Ra	Ra	Ra	Ra	Ra	Ra	A	Ra	Ra	Ra	Ra	Ra	Ra	Ra
11.	Anil. Javoo	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil
12.	Anil. Chalewar?	Chalewar	Chalewar	Chalewar	Chalewar	Chalewar	A	Chalewar	Chalewar	Chalewar	Chalewar	Chalewar	Chalewar	Chalewar	Chalewar
13.	Basovasaaj. Bisadga	Bis	Bis	Bis	Bis	Bis	Bis	Bis	Bis	Bis	Bis	A	Bis	Bis	Bis

14	Nasema. Bagawan	Am	Am	Am	Am	Am	A	Am	Am	Am	Am	Am	Am	Am	Am
15	Lata. Rathod	LD	LD	LD	LD	LD	LD	LD	A	LD	LD	LD	LD	LD	LD
16	Kosabonu. Marfat	ELM	ELM	ELM	ELM	A	ELM	ELM	ELM	ELM	ELM	ELM	ELM	ELM	ELM
17	Kusuma. Meti	Pudi	Pudi	Pudi	Pudi	Pudi	A	Pudi	Pudi	Pudi	Pudi	Pudi	Pudi	Pudi	Pudi
18	Pavita. Bogas	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	A	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>	<u>Puip</u>
19	Pallavi. Hismath	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	A	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>	<u>Punt</u>
20	Pavita. Bisadas	PB	PB	PB	PB	A	PB	PB	PB	PB	PB	PB	PB	PB	PB
21	Poojima. Chittasag	Puip	Puip	Puip	Puip	Puip	Puip	Puip	Puip	A	Puip	Puip	Puip	Puip	Puip
22	Priyanka. Kolbugi	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	A	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>	<u>PMK</u>
23	Samrisha. Ghosai	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	<u>SS</u>	A	<u>SS</u>	<u>SS</u>
24	Savitari. Bisadas	GP	GP	GP	A	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
25	Sneha. Kuar	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	A	SMK	SMK
26	Soutya. Sajjan	SP	SP	SP	SP	A	SP	SP	SP	SP	SP	SP	SP	SP	SP
27	Sukanya. Jalati	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	A	SVZ	SVZ
28	Swati. Hebba	<u>SH</u>	<u>SH</u>	<u>SH</u>	A	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>	<u>SH</u>
29	Sneha. Holi	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	<u>SHL</u>	A	<u>SHL</u>

14.	Nasema. Bagawan	A	A	A	A	A	A	A	A	A	A	A	A	A	A
15.	Iata. Rathod	LD	LD	LD	LD	LD	LD	LD	A	LD	LD	LD	LD	LD	LD
16.	Kosabonu. Makast	LD	LD	LD	LD	A	LD	LD	LD	LD	LD	LD	LD	LD	LD
17.	Kusuma. Meti	Pudi	Pudi	Pudi	Pudi	Pudi	A	Pudi	Pudi	Pudi	Pudi	Pudi	Pudi	Pudi	Pudi
18.	Parvita. Bogas	PuB	PuB	PuB	PuB	A	PuB	PuB	PuB	PuB	PuB	PuB	PuB	PuB	PuB
19.	Pallavi. Hiramath	PuA	PuA	PuA	PuA	PuA	PuA	PuA	PuA	PuA	PuA	A	PuA	PuA	PuA
20.	Parvita. Bisodas	PB	PB	PB	PB	A	PB	PB	PB	PB	PB	PB	PB	PB	PB
21.	Poojima. Chittasagi	PuA	PuA	PuA	PuA	PuA	PuA	PuA	PuA	PuA	PuA	A	PuA	PuA	PuA
22.	Prityanka. Kalbusgi	PMk	PMk	PMk	PMk	A	PMk	PMk	PMk	PMk	PMk	PMk	PMk	PMk	PMk
23.	Samudista. Shastri	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS	A	SS	SS
24.	Savitari. Bisodas	PB	PB	PB	A	PB	PB	PB	PB	PB	PB	PB	PB	PB	PB
25.	Sneha. Kasi	SMk	Kasi	Kasi	Kasi	Kasi	Kasi	Kasi	Kasi	Kasi	Kasi	Kasi	A	Kasi	Kasi
26.	Santya. Sajjan	SuA	SuA	SuA	SuA	A	SuA	SuA	SuA	SuA	SuA	SuA	SuA	SuA	SuA
27.	Sukanya. Jalati	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	SVZ	A	SVZ	SVZ
28.	Swati. Hebbal	SH	SH	SH	A	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
29.	Sneha. Holi	SHi	SHi	SHi	SHi	SHi	SHi	SHi	SHi	SHi	SHi	SHi	SHi	A	SHi

30.	Tanveer Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal
31.	Mdmuzamir. Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	A	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
32.	Ningarna A. Malagabitter	AP	AP	AP	A	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
33.	Kasthik	AP	AP	AP	AP	AP	AP	A	AP	AP	AP	AP	AP	AP	AP
34.	Soubhagya. Talagaramani	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ	A	SSJ	SSJ	SSJ	SSJ	SSJ	SSJ
35.	Nagasaina. B. Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	A	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas
36.	Bhagya. N. Talawas	Bhal	Bhal	Bhal	Bhal	Bhal	A	Bhal	Bhal	Bhal	Bhal	Bhal	Bhal	Bhal	Bhal
37.	Prayanka. Hiasu	Pray	Pray	Pray	Pray	Pray	Pray	A	Pray	Pray	Pray	Pray	Pray	Pray	Pray
38.	Nishatanikum. A. N	Aji	Aji	Aji	A	Aji	Aji	Aji	Aji	Aji	Aji	Aji	Aji	Aji	Aji
39.	Nasir. Sutas	flud	flud	flud	flud	flud	flud	A	flud	flud	flud	flud	flud	flud	flud
40.	Miraj. B. Kulagasi	miraj	miraj	miraj	miraj	miraj	A	miraj	miraj	miraj	miraj	miraj	miraj	miraj	miraj
41.	Shamapareem. Mbl	Sham	Sham	Sham	Sham	Sham	Sham	Sham	Sham	Sham	Sham	A	Sham	Sham	Sham
42.	Shoba. S. Peshapur	shobha	shobha	shobha	shobha	shobha	A	shobha	shobha	shobha	shobha	shobha	shobha	shobha	shobha
43.	Tejashree. G. Haimarkh	Tej	Tej	Tej	Tej	Tej	Tej	Tej	A	Tej	Tej	Tej	Tej	Tej	Tej
44.	Keeathi. Basakhad	Kee	Kee	Kee	Kee	Kee	A	Kee	Kee	Kee	Kee	Kee	Kee	Kee	Kee
45.	Vidyashree. Kotabapat	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	A	V.KP	V.KP	V.KP

30.	Tanveer. Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal	T.Y. Honyal
31.	Md Muzamir. Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	A	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
32.	Ningarna. Amalagabatra	AP	AP	AP	A	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
35.	Kasthik	AP	AP	AP	AP	AP	AP	AP	A	AP	AP	AP	AP	AP	AP
34.	Soubhagya. Talagaramani	SUT	SUT	SUT	SUT	SUT	SUT	SUT	SUT	A	SUT	SUT	SUT	SUT	SUT
35.	Nageswari. B. Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	Nagas	A	Nagas	Nagas
36.	Bhagya. N. Talawas	Bala	Bala	Bala	Bala	Bala	A	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala
37.	Priyanka. Hiras	Prly	Prly	Prly	Prly	Prly	Prly	Prly	A	Prly	Prly	Prly	Prly	Prly	Prly
38.	Nishatanikum. A. N	Shij	Shij	Shij	A	Shij	Shij	Shij	Shij	Shij	Shij	Shij	Shij	Shij	Shij
39.	Nasir. Surtas	Shud	Shud	Shud	Shud	Shud	Shud	Shud	A	Shud	Shud	Shud	Shud	Shud	Shud
40.	Minaj. B. Kulagari	Shung	Shung	Shung	Shung	Shung	A	Shung	Shung	Shung	Shung	Shung	Shung	Shung	Shung
41.	Shamapareem. Mbl	Shun	Shun	Shun	Shun	Shun	Shun	Shun	Shun	Shun	Shun	A	Shun	Shun	Shun
42.	Shoba. S. Peshapur	Shobta	Shobta	Shobta	Shobta	Shobta	A	Shobta	Shobta	Shobta	Shobta	Shobta	Shobta	Shobta	Shobta
43.	Tejashwini. G. Harimath	Prly	Prly	Prly	Prly	Prly	Prly	Prly	Prly	A	Prly	Prly	Prly	Prly	Prly
44.	Keethi. Basakhod	K.K.K	K.K.K	K.K.K	K.K.K	K.K.K	A	K.K.K	K.K.K	K.K.K	K.K.K	K.K.K	K.K.K	K.K.K	K.K.K
45.	Vidyashree. Kotabagal	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	V.KP	A	V.KP	V.KP



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