





SPORTS AUTHORITY OF INDIA







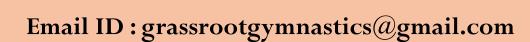
Online Coaching & Education Programme in Artistic Gymnastics

For Grass Root-Level Under

'Khel Pathshala'



Training Module Part-III





ACKNOWLEDGEMENTS

- Dur heartfelt thanks to Director General, Sports Authority of India and President, Gymnastics Federation of India for the opportunity to present the Grassroots level athlete coaching and education program online for gymnastics.
- ➤ Special thanks to the team of experts, resource persons, coaches, administrative personnel and parents for providing their valuable suggestions and inputs in completion of Grassroots level athlete coaching and education program through online during the lock down period.



Online Coaching & Education Programme for Grass-root Level Gymnasts under



Khel Pathshala



MR. VINEET KUMAR **RD Incharge SAI NSEC KOLKATA**



DR. R. K. PATHANIA PROGRAM CO-ORDINATOR



MR. NIRBHAYA SINGH PROGRAM DIRECTOR



MR. R N MANGLA **EXPERT**



EXPERT



MRS. SANDHYA KAUL DR. P. RAVINDRA KIIMAR **EXPERT**



MR. ROHIT JAISWAL **EXPERT**

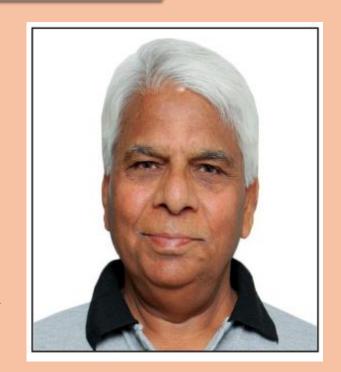




Program Director

Mr. Nirbhaya Singh.
B.Sc. M.A. (Sociology)
Master's in Sports Coaching

Former International gymnasts and Judge.
Recipient of M.P. State "Vikram Award"
FIG Level-I Course in Gymnastics for All in 2015
SAI Appointed as Sports Analyst with Indian Team
In preparation of 2012 Olympic Games (OPEX) in 2011
Former In charge and Chief coach Gymnastics,
Department SAI, NS NIS, Patiala



R. N. Mangla B. Sc.
Master's in Sports Coaching

Former FIG International Judge 1982
Former In charge/ Chief Coach Gymnastics Department
SAI NSEC Kolkata 1982-1996. 36 yrs. Coaching Experience
Sports Analyst Indian Team for CWG New Delhi 2010
Published Quarterly GFI News Bulletin 2008-2015
Publishing Quarterly MAGA News Bulletin since 2015
Results compilation of all National Championships
since 1952.



MS. SANDHYA KAUL

Junior National Champion 1975, 76, & 77 Sr. National-All round 2nd best gymnast in 79 & 81 All India Inter-University Champion 1981 Member of Indian women team visited China 1982 35 years Coaching experience in SAI FIG International Judge VIII Cycle (1993-97) Coach Indian women team in Jr. Asian Gymnastics Championship New Delhi 1992 Judge in Jr. Asian Gymnastics Championship at Hiroshima 1994 Expert panel of coaches (member) 1999 & Member of Khelo India TSC



DR. P. RAVINDRA KUMAR

B.P.Ed., M.A (Sociology), M.Sc. (Sports Coaching), M.Sc. (Psychology) M.Phil. (Physical Education), Ph.D. (Physical Education).

Diploma in Coaching Gymnastics, SAI, NIS, Patiala.

Diploma in Guidance and Counselling, Kakatiya University, Warangal.

Diploma in International Coaching course, Semmelueis

University, Budapest, Hungary.

Won Gold Medals in Sub-Junior, Junior, Senior National and AIIU Championships.

Attended Junior National camps.



MR. ROHIT JAISWAL

First Indian Gymnast to win

Silver medal in Asian Gymnastics Championship held at China in 2003 and Bronze medal at

Commonwealth Youth Games at Australia in 2004.

Special award holder by government of India

Prestigious Sports "Laxman Award" holder

given by Uttar Pradesh Government.

Coach Indian team in Youth Olympic Games held at China 2014

Qualified FIG International Coach Level - III

Qualified FIG International Judge XIII Cycle





OLYMPIC PROBABLES - 2032

UNDER – 12 Years Age Group (Boys)



JASH PARIKH MH



SUMIT YADAV UP



MANTHAN SINGH DL



PRASHANT SONKAR UP



LITKARSH MISHRA LIP



SARTHAK WALIA PB



GAURAB CHAKRABORTY WB



DEVANSH SUYAL UP



AADHAYAN DESAI MH



MANN KOTHARI MH



VEDANT HUMARMALEKAR RUDRA PRATAP SINGH



HR



OLYMPIC PROBABLES - 2032

UNDER – 12 Years Age Group (Girls)



NISAKA AGARAWAL TG



DISHA RJ



ANOUSHKA PATIL



TANUSHREE MONDAL WB



DEVYANI KOLTE MH



SNEHA DL



SUHANI ADNE MH



SHATAKSHI MH



JINIA DEBNATH WB



URVI WAGH MH



SOUMIL KARAR WB



CHARU DL

PREFACE

- ➤ Right now while many of us are quarantined at home, it can be challenging to keep up with gymnastics activities at home.
- ➤ While you won't be able to train major skills at home, you could still keep your body in gymnastics shape by practicing certain aspects of basics of gymnastics at home.
- ➤ Here are some gymnastics conditioning exercises to help you to keep up with your gymnastics training during lockdown period.

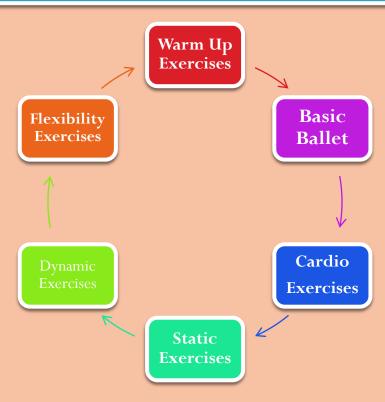
IMPORTANT INSTRUCTIONS

- > We disclaim all liabilities for any physical harm resulting from the information in on line gymnastics programme.
- > Unhealthy and injured children are advised not to participate.
- > All the participants need to be under the supervision of their parents to be safe.
- > Participants must wear proper training uniform and bring their own water bottle.
- > Participants are expected to do some general warming up exercises prior to on line classes.
- > Pay attention to the instructions given by the experts during the course of presentation.
- > 2x3 meter indoor or outdoor space with anti slippery carpet and three water bottle of 500 ml and chair.

MOST IMPORTANT INSTRUCTIONS

- For successful practice please follow the under mention important points:-
- 1. Quality is more important than quantity.
- 2.Don't rush to perform exercises without focusing on your body form.
- 3. Correct Body form is so important to give right impact on your bodily muscles. In doing so it will be easier in future to perform difficult skills.
- 4. Focus on executing each skill with a good tight (Tension) body form.

GENERAL FITNESS PROGRAM



S. No.	Exercise Description	No. of Rep / Seconds	
1	Wrist stretch all the sides (Pronation and Supination of wrist) in 4 counts each = one repetition	x 2	
2	Neck Stretch left and right Forward & Backward with one hand support = one repetition	X2	
3	Stand Legs apart, shoulder rotations forward and backward with bent arm in 4 counts each = one repetition	X 2	
4	Stand Legs apart , Trunk rotation clockwise and anti-clockwise with hand on hips in 4 counts = one repetition	X 2	
5	Stand legs apart, Trunk Bending forward and backward with arms up in 4 counts = one repetition	X 2	
6	Stand legs apart, bent left and right side with one arm on hip and other arm up in 4 counts each = one repetition	X 2	
7	Stand legs together, arms on knees, bent and Stretch upward in 2 counts each = one repetition	X 2	
8	Sit in full squat position with heel touch on floor. Hold	10 sec.	
9	Front long support position stretch body with head backward up and torsion the body left and right with turning of shoulders = one repetition	X 2	
10	In sitting position, rotate left and right ankle with the support of arms each = one repetition	X 2	
Rest: 2 minutes			

Wrist stretch all the sides (Pronation and Supination of wrist) in 4 counts each = one repetition

YouTube Link:

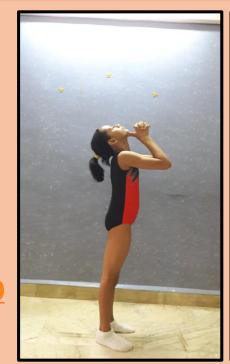
https://youtu.be/XGaObe1dA_c



Neck Stretch left and right Forward & Backward with one hand support = one repetition

YouTube Link:

https://youtu.be/Pdpcq-YynG0





Stand Legs apart, shoulder rotations forward and backward with bent arm in 4 counts each = one repetition

YouTube Link:

https://youtu.be/xhIFVw121m8



Stand Legs apart, Trunk rotation clockwise and anti-clockwise with hand on hips in 4 counts = one repetition

YouTube Link:

https://youtu.be/YOIaIFQ1nao



Stand legs apart, Trunk
Bending forward and
backward with arms up in
4 counts = one repetition

YouTube Link:

https://youtu.be/-rIbhyb7YMo





Stand legs apart, bent left and right side with one arm on hip and other arm up in 4 counts each = one repetition

YouTube Link:

https://youtu.be/gYDPsSv0eus



Stand legs together, arms on knees, bent and Stretch upward in 2 counts each = one repetition

YouTube Link:

https://youtu.be/Z9OVohAZpx4



Sit in full squat position with heel touch on floor. Hold

YouTube Link:

https://youtu.be/cbPTayRRumY



Front long support
position stretch body with
head backward up and
torsion the body left and
right with turning of
shoulders = one
repetition

YouTube Link:

https://youtu.be/yIZl3k1fua0



In sitting position, rotate left and right ankle with the support of arms each = one repetition

YouTube Link:

https://youtu.be/vPg4OgJzoqg



S. No.	Exercise Description	No. of Rep / Seconds
1	Showing ballet basic positions: 0, 1, 2, 3, 4 and 5 and holding each positions with support of chair.	5 sec. each
2	In each basic positions 1, 2, 3, 4 and 5 squats (Plie) and raising on toes (releve) with support of chair.	5 times each
3	In Basic position 3, leg kicks at 45 degrees forward, sideward and backward with support of chair.	10 times each
4	In 0 position, swinging of legs forward, backward and side (left and right) above the shoulders with support of chair.	10 times each

Rest: 2 minutes

Showing ballet basic positions: 0, 1, 2, 3, 4 and 5 and holding each positions with support of chair.







YouTube Link:

https://youtu.be/I671PiTClsw







In each basic positions 1, 2, 3, 4 and 5 squats (Plie) and raising on toes (releve) with support of chair.

YouTube Link:

https://youtu.be/Ue3awLy2CnU



In Basic position 3, leg kicks at 45 degrees forward, sideward and backward with support of chair.

YouTube Link:

https://youtu.be/LIryN3XAVyg



In 0 position, swinging of legs forward, backward and side (left and right) above the shoulders with support of chair.







YouTube Link:

https://youtu.be/rBi3889Luyg

Cardiovascular Exercises In Continuation

S. No.	Exercise Description	No. of Rep / Seconds		
1	Running on spot with arms forward and backward, Jogging on spot with arms movements Forward and Backward	10 sec.		
2	Running with heal Kick back.	10 sec.		
3	Running with high knee	10 sec.		
4	Running with high knee side to side	10 sec.		
5	Scissor jumps arms forward and backward.	10 sec.		
6	Fast running on spot with rotation 360 degree	10 sec.		
7	Hoping on one leg.	10 sec.		
8	Kicking forward one leg bent with and clap and same way with straight each x 5 times	10 sec.		
9	Hoping on one leg and swinging another leg sideways with alternate arms swinging forward, sideward and both arm rotation	10 sec.		
10	Running on spot with heel kick back four times and jumping jack twice.	10 sec.		
11	Alternate arms and legs jump	10 sec.		
12	Hop on spot with body twisting with arms in front of Chest.	10 sec.		
13	Straight spot Jump five times with arms up and followed by jump with alternate arms shifting on hip, shoulder and up over the head and clap and come back in same sequence down three times	10 sec.		
14	Straight spot Jump forward, backward and side by side five times with arms up and followed by jump with alternate arms shifting on hip, shoulder and up over the head and clap and come back in same sequence down three times.	10 sec.		
15	Candle stand to roll forward squat to jump	10 sec.		
Rest:	Rest: 2 minutes			

Running on spot with arms forward and backward, Jogging on spot with arms movements Forward and Backward

YouTube Link:

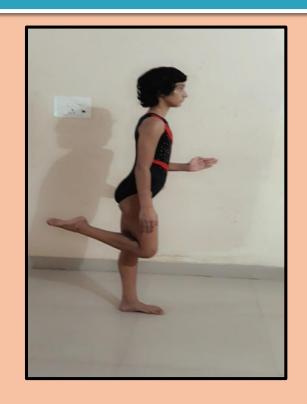
https://youtu.be/-WU_uZ2TC1I



Running with heal Kick back.

YouTube Link:

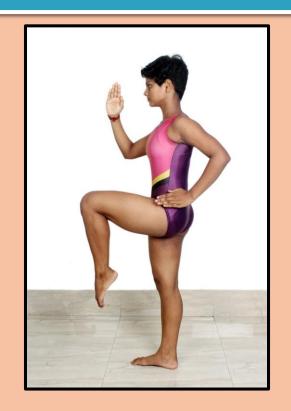
https://youtu.be/W3sKbKCyd_g



Running with high knee



https://youtu.be/QUeZ_yc0rCs



Running with high knee side to side

YouTube Link:

https://youtu.be/rCiYMBNKtQI



Scissor jumps arms forward and backward.

YouTube Link:

https://youtu.be/O9HIzTv8jSw



Fast running on spot with rotation 360 degree



YouTube Link:

https://youtu.be/cKSkO8oMp44

Hoping on one leg.



https://youtu.be/fA6M2esRCQQ



Kicking forward one leg bent with and clap and same way with straight each x 5 times



YouTube Link:

https://youtu.be/SvZV_7D6jwA

Hoping on one leg and swinging another leg sideways with alternate arms swinging forward, sideward and both arm rotation



YouTube Link:

https://youtu.be/CCj7slPFMW0

Running on spot with heel kick back four times and jumping jack twice.



YouTube Link:

https://youtu.be/OsYnivaq7R4

Alternate arms and legs jump

YouTube Link:

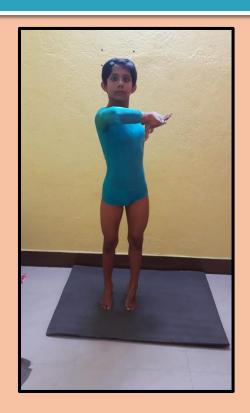
https://youtu.be/-HfvCCf_1JQ



Hop on spot with body twisting with arms in front of Chest.



https://youtu.be/no6qli5IjcM



Straight spot Jump five times with arms up and followed by jump with alternate arms shifting on hip, shoulder and up over the head and clap and come back in same sequence down three times

YouTube Link:

https://youtu.be/UQj57AlvKIo



Straight spot Jump forward, backward and side by side five times with arms up and followed by jump with alternate arms shifting on hip, shoulder and up over the head and clap and come back in same sequence down three times.

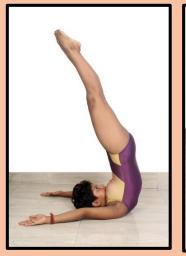
YouTube Link:

https://youtu.be/9q3uD9gOomM





Candle stand to roll forward squat to jump







YouTube Link:

https://youtu.be/_oLTzNHexyg

S. No.	Exercise Description	Time (Hold)
1	'L' hold with folded legs at the edge of chair	10 sec.
2	Forward Plank hold, legs on chair and hands on floor	10 sec.
3	Backward Plank hold, legs on chair	10 sec.
4	Sideward plank with legs apart, one leg support on chair and on one hand at the floor	10 sec.
5	Mountain position with legs support on chair (Hold)	10 sec

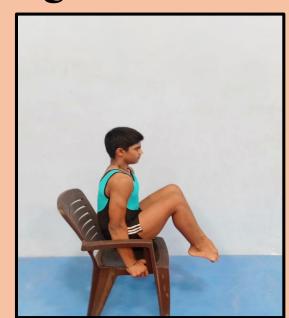
S.No.	Exercise Description	Time (Hold)
1	One hand and one leg Knee balance with opposite leg and hand in the	10 sec.
	air at horizontal position (Hold)	
2	Banana balance on chest hands forward (Hold)	10 sec
3	Laying on back and over stretch hands side (Hold)	10 sec.
4	Front Support with one leg between the hands and raise one hand up	10 Sec each
	and same with other leg.	
5	'V' position with wall support (Hold)	10 Sec.
6	Half Hand stand with straddle legs with wall support (Hold)	10 sec

Rest: 2 minutes

'L' hold with folded legs at the edge of chair

YouTube Link:

https://youtu.be/AyIdpSGNAv0



Forward Plank hold, legs on chair and hands on floor



https://youtu.be/QyXs4nB1e3U



Backward Plank hold, legs on chair and hands on floor



https://youtu.be/QyXs4nB1e3U



Sideward plank with legs apart, one leg support on chair and on one hand at the floor

YouTube Link:

https://youtu.be/kGAtCU-vF8c



Mountain position with legs support on chair (Hold)

YouTube Link:

https://youtu.be/edMW0pMqh6Y



One hand and one leg
Knee balance with
opposite leg and hand in
the air at horizontal
position (Hold)

YouTube Link:

https://youtu.be/XnRp0ZodiZ0



Banana balance on chest hands forward (Hold)

YouTube Link:

https://youtu.be/uR6GmoAtuCk



Laying on back and over stretch hands side (Hold)

YouTube Link:

https://youtu.be/pO3PEg11vnM



Front Support with one leg between the hands and raise one hand up and same with other leg.

YouTube Link:

https://youtu.be/oRYVLq4jYPs



'V' position with wall support (Hold)

YouTube Link:

https://youtu.be/5oaCRGLI0iM



Half Hand stand with straddle legs with wall support (Hold)

YouTube Link:

https://youtu.be/N6a5MRyFnmM



S. No.	Exercise Description	No. of Rep / Seconds
1	One leg hop (left and right) with support of one leg on chair	X 10 each
2	Abdominal crunch with both legs support chair	X 10 each
3	Abdominal crunch with torsion of trunk left and right with both legs support on chair	X 10 each
4	Feet on chair with folded legs and up and down	X 10 each
5	Mountain position with knee support on chair and dips	X 10 each

S. No.	Exercise Description	No. of Rep / Seconds
1	Laying back with elbow support and crossing one leg over the object one by one	X 10
2	Sitting with folded legs on hips and crossing the object from one side to other side one by one and back	X 5
3	In back laying position hands over the head, and shift the object from hand to toe and from toe to hands	X 5
4	Alternate Jack Knife with one leg	X 5
5	Stand in lunging position with one leg forward bend and rear leg on knee and Keep the objects at one side and shift the objects one by one to other side with jump and back to original position	X 5
6	Keep two objects parallel (more than shoulder distance). From front support position to hope forward and backward	X 5
7	Keep three objects in one line at shoulder width. From one end in front support position cross each object by hoping sideward. (left and right)	X 5

Rest: 2 Minutes

S. No.	Exercise Description	No. of Rep / Seconds	
1	Holding one object with straight hands and from squat position jump up with one leg kick forward alternate (left and Right)	X 5	
2	Holding one object with straight hands and from squat position jump up with one leg kick sideward alternate (left and Right)	X 5	
3	Holding one object with straight hands and from squat position jump up with one leg kick backward alternate (left and Right)	X 5	
4	From Back support position on elbows, open and close the legs (straight)	X 5	
5	From Front support position on elbows, open and close the legs (straight)	X 5	
6	Straddle legs sitting position, kick the single leg alternate	X 5 each	
7	Straddle legs sitting position, kick both the legs together	X 5	
8	Long sitting position Stretch toe together and finger open and close and alternate	X 5 each	
Rest: 2 Minutes			

One leg hop (left and right) with support of one leg on chair

YouTube Link:

https://youtu.be/HjfdQHGZxZk



Abdominal crunch with both legs support chair



YouTube Link:

https://youtu.be/smaoU9TCOxI

Abdominal crunch with torsion of trunk left and right with both legs support on chair

YouTube Link:

https://youtu.be/YbmVOzz2TS0



Feet on chair with folded legs and up and down

YouTube Link:

https://youtu.be/5rsCDxQuBzA





Mountain position with knee support on chair and dips

YouTube Link:

https://youtu.be/Ue_o8FfCvgE





Laying back with elbow support and crossing one leg over the object one by one

YouTube Link:

https://youtu.be/X6-eHshN7g0



Sitting with folded legs on hips and crossing the object from one side to other side one by one and back



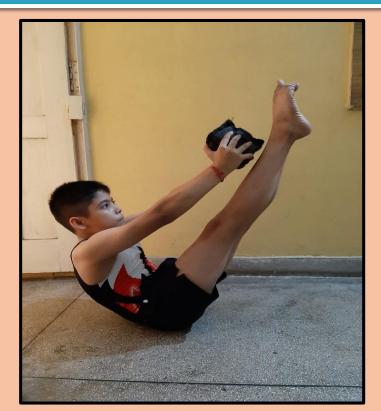
YouTube Link:

https://youtu.be/pmfAh-jNu2o

In back laying position hands over the head, and shift the object from hand to toe and from toe to hands

YouTube Link:

https://youtu.be/oO-DOT96bRk



Alternate Jack Knife with one leg

YouTube Link:

https://youtu.be/zKoAaVzDaWw



Stand in lunging position with one leg forward bend and rear leg on knee and Keep the objects at one side and shift the objects one by one to other side with jump and back to original position

YouTube Link:

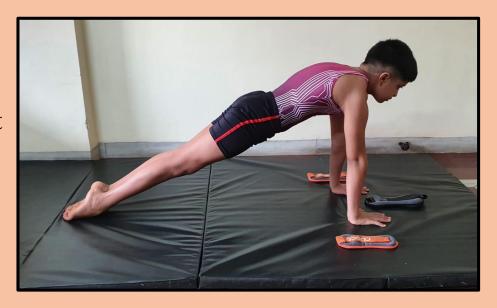
https://youtu.be/VnMBMluA-ew



Keep two objects parallel (more than shoulder distance). From front support position to hope forward and backward



https://youtu.be/FHUeLUyPZ6I



Keep three objects in one line at shoulder width. From one end in front support position cross each object by hoping sideward. (left and right)

YouTube Link:

https://youtu.be/cFtjLfl35WA



Holding one object with straight hands and from squat position jump up with one leg kick forward alternate (left and Right)





YouTube Link:

https://youtu.be/7_nxlpVpEfg

Holding one object with straight hands and from squat position jump up with one leg kick sideward alternate (left and Right)



YouTube Link:

https://youtu.be/7_nxlpVpEfg

Holding one object with straight hands and from squat position jump up with one leg kick backward alternate (left and Right)





YouTube Link:

https://youtu.be/7_nxlpVpEfg

From Back support position on elbows, open and close the legs (straight)

YouTube Link:

https://youtu.be/nEkDeggRVOQ



From Front support position on elbows, open and close the legs (straight)

YouTube Link:

https://youtu.be/nEkDeggRVOQ



Straddle legs sitting position, kick the single leg alternate



https://youtu.be/23ffEN8iApc



Straddle legs sitting position, kick both the legs together



YouTube Link:

https://youtu.be/23ffEN8iApc

Long sitting position Stretch

toe together and finger open and close and alternate





YouTube Link:

https://youtu.be/S2diqg4Fpi0

S. No.	Exercise Description	Time (Hold)
1	Stretching hip joint in long lunging position, hands on floor	10 Sec.
2	Sit on one leg on knee and other leg straight and bend forward, hands on floor	10 Sec.
3	Split sitting in all three direction	5 sec. each side
4	Straddle legs and touch chest on floor	10 sec.
5	Bend forward with straight legs and hands on floor and bend rear leg and lean backward	10 sec
6	From long sitting position fold one leg forward and rear leg straight and bend forward	10 Sec.
7	Spilt leg with the support of wall, Hands on floor.	10 Sec
8	Shav Aasana	120 sec.

Note: - This is a first week program and for the subsequent week the repetition and holding times of an exercise will increase per week.

Stretching hip joint in long lunging position, hands on floor

YouTube Link:

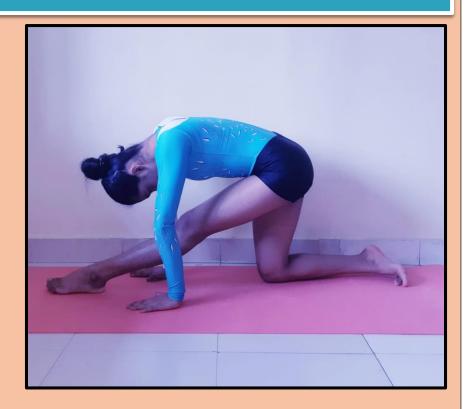
https://youtu.be/0b-HMqCJSn0



Sit on one leg on knee and other leg straight and bend forward, hands on floor

YouTube Link:

https://youtu.be/Hy-enUU4fJs



Split sitting in all three direction







YouTube Link:

https://youtu.be/5d23BNvzXb8

Straddle legs and touch chest on floor



https://youtu.be/zdZ8mndAh2I



Bend forward with straight legs and hands on floor and bend rear leg and lean backward

YouTube Link:

https://youtu.be/sXX700RFKB4



From long sitting position fold one leg forward and rear leg straight and bend forward

YouTube Link:

https://youtu.be/sH9GDY_gon0



Spilt leg with the support of wall, Hands on floor.

YouTube Link:

https://youtu.be/pecCFBoqavM



Shav Aasana



YouTube Link:

https://youtu.be/Q4lkt1uWzqI



Thank you...!

Email ID: grassrootgymnastics@gmail.com