



आरोग्यम् सुख सम्पदा

## ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

### 8<sup>TH</sup> ANNUAL REPORT, 2019-20

#### Department of Orthopaedics

#### FACULTY AND STAFF

S. No.	Name of Faculty	Designation
1.	Prof. (Dr.) Alok C. Agrawal	Professor and Head, Department of Orthopaedics, AIIMS Raipur
2.	Dr. Bikram Keshari Kar	Associate Professor, Department of Orthopaedics, AIIMS Raipur
3.	Dr. Harshal S. Sakale	Associate Professor, Department of Orthopaedics, AIIMS Raipur
4.	Dr. Bikas Sahoo	Assistant Professor Contractual, Department of Orthopaedics, AIIMS Raipur CG upto 25 -12-2019
5.	Dr. Sandeep Kumar Yadav	Assistant Professor Contractual, Department of Orthopaedics upto 2 <sup>nd</sup> September and then Assistant Professor Orthopaedics-Regular , Department of Trauma and Emergency, AIIMS Raipur
6.	Dr. Alok Rai Raman	Assistant Prof Contractual Department of Orthopaedics AIIMS Raipur Since 3 <sup>rd</sup> March 2020
<b>Senior Residents</b>		
1.	Dr. Sameer Mittal	Senior Resident, Dept. of Orthopaedics upto 22-2-2020
2.	Dr. Manikant Anand	Senior Resident, Dept. of Orthopaedics upto 14-11-2019
3.	Dr. Ravindra Prasad	Senior Resident, Dept. of Orthopaedics upto 18-10-2019
4.	Dr. Rudra Pratap Singh	Senior Resident, Dept. of Orthopaedics upto 29-7-2019
5.	Dr. Vishal Victor Kujur	Senior Resident, Dept. of Orthopaedics
6.	Dr. Mukund Madhav Ojha	Senior Resident, Dept. of Orthopaedics
7.	Dr. Anand Kumar Singh	Senior Resident, Dept. of Orthopaedics
8.	Dr. V. Nagraju	Senior Resident, Dept. of Orthopaedics
9.	Dr. Shilp Verma	Senior Resident, Dept. of Orthopaedics
10.	Dr. Debashish Parija	Senior Resident, Dept. of Orthopaedics
11.	Dr. Rahul Ranjan	Senior Resident, Dept. of Orthopaedics
<b>P G Junior Residents</b>		
1.	Dr. Buddadeb Nayak	PG- JR, Dept. of Orthopaedics
2.	Dr. Sharatha Kowshik	PG- JR, Dept. of Orthopaedics
3.	Dr. Rakshit J.	PG- JR, Dept. of Orthopaedics
4.	Dr. Rudra Narayan Dash	PG- JR, Dept. of Orthopaedics
5.	Dr. Shubham Bhardwaj	PG- JR, Dept. of Orthopaedics
6.	Dr. Shubham Sharma	PG- JR, Dept. of Orthopaedics
7.	Dr. Debashish Sarcar	PG- JR, Dept. of Orthopaedics
8.	Dr. Gautan Prasad Nirala	PG- JR, Dept. of Orthopaedics
9.	Dr. E Pandyaajan	PG- JR, Dept. of Orthopaedics
10.	Dr. Santosh Kumar Yadav	PG- JR, Dept. of Orthopaedics
11.	Dr. Deepak Kumar Garg	PG- JR, Dept. of Orthopaedics

## **HIGHLIGHTS**

The department of Orthopaedics provides quality health care, medical education at graduate and postgraduate levels and research activities. Specialty care is provided to children with congenital club foot, patients presenting with sports injuries, problem related to spine, bone tumours, joint replacement and complex Trauma. The department conducted CEZCON 2019 on 12-13 October 2019- the annual conference of Central Zone of Indian Orthopaedic Association along with a National Workshop on JESS on 11 October 2019 at AIIMS Raipur CG. This conference was attended by almost 250 Orthopaedics surgeons from all over the country and highly appreciated. Professor Dr. Alok C. Agrawal was elected as a Fellow of the National Academy of Medical Sciences, India, the first and only one from Chhattisgarh in any discipline.

## **EDUCATION**

### **EDUCATION**

1. Lectures for MBBS students- 3rd, 4th, 5th year.
2. Bed side clinics for MBBS medical students
3. Postgraduate classes in the form of case presentations, Journal Reviews and Seminars.
4. Log Book for M S Orthopaedic postgraduate students
6. The students have been attending clinical meetings along with Raipur Orthopaedic Society.
7. Currently department have 11 postgraduate students.
7. Organized a three day conference CEZCON 2019 along with a National Workshop on JESS from 11 to 13 October 2020 at AIIMS Raipur CG.



## **National Workshop on JESS**



**CEZCON 2019 AIIMS Raipur- 11 to 13 October 2019**



Professor Dr. Alok Chandra Agrawal being facilitated during CEZCON 2019 after being elected as Fellow of the National Academy of Medical Sciences, India. Dignitaries in the photograph from left to right: 1. Dr Ram Prabhu, Mumbai (Past President of IOA), 2. Dr. H R Jhunhunwala, Mumbai ( Past President of IOA), 3. Dr. K D Tiwari President CEZIOA, Durg, 4. Dr. R S Dhir, Past President CGIOA, Past Prof. and HOD Orthopaedic KEM Medical College, Mumbai 5. Dr Alok C Agrawal, HOD Orthopaedics and 6 Prof. Dr. G K Singh, Past Director AIIMS Bhubaneshwar.

**CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES**

<b>Name of the event</b>	<b>Date</b>	<b>City</b>
CEZCON2019 Raipur	12 <sup>th</sup> to 13 <sup>th</sup> Oct. 2019	AIIMS Raipur, Raipur
National Workshop on JESS	11 <sup>th</sup> October 2019	AIIMS Raipur , Raipur
Sessions on Case Presentation	May/June/July/August	For Raipur Orthopaedic Society

**LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES**

Name of faculty member- Prof. Dr. Alok Chandra Agrawal

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Recurrence in Giant Cell Tumours	Bihar Orthopaedic Association annual conference	20.02.2020	Bettiah Bihar	Bettiah
2.	Management of recurrence in Giant Cell Tumours	CGIOACON 2020	18 <sup>th</sup> - 19 <sup>th</sup> January 2020	Hotel Babylon	Raipur
3.	Management of flexion contractures of the wrist by differential distraction.	40 <sup>th</sup> SICOT Orthopaedics World Congress	4 <sup>th</sup> -7 <sup>th</sup> December 2019	Oman convention center	Muscat
4.	Management of clubfoot by differential distraction.	40 <sup>th</sup> SICOT Orthopaedics World Congress	4 <sup>th</sup> -7 <sup>th</sup> December 2019	Oman convention center	Muscat
5	Management of Periarthritis shoulder by suprascapular nerve block versus platelet rich plasma.	40 <sup>th</sup> SICOT Orthopaedics World Congress	4 <sup>th</sup> -7 <sup>th</sup> December 2019	Oman convention center	Muscat
6	Implant Infection Other than arthroplasty	JOACON 2020	2nd February 2020	Jamshedpur	Jamshedpur
7	Management of Recurrence in Giant Cell Tumours	CEZCON 2020	13-10-2019	AIIMS	Raipur
8	Long term consequences of upfront surgery for bone tumours	WBOACON 2020	8 February	Shantiniketan	West Bengal
9	Osteoarthritis in Young Adult	IOACON 2019	21-24 November 2019	Biswa Bangla convention center, Kolkata	West Bengal
10	How to make Powerpoint Presentation	IOACON 2019	21-24 November 2019	Biswa Bangla convention center, Kolkata	West Bengal
11	Biological vs Nonbiological reconstruction in skeletally mature patients	IOACON 2019	21-24 November 2019	Biswa Bangla convention center, Kolkata	West Bengal
12	Osteoporosis and its comprehensive management	CME on Challenges and scope of rehabilitation	28-02-2020	AIIMS	Raipur
13	Management of	CGIOACON 2020	18-19 January	Hotel Babylon	Raipur

	neglected Monteggia fracture dislocation in a child by an innovative technique using JESS for distraction		2020	International	
14	Management of idiopathic clubfoot by JESS distractor	Advanced Workshop on JESS	11-10-2019	AIIMS	Raipur
15	Management of recurrence in Giant Cell Tumour	IOAMPCON	22-09-2019	Ujjain	Madhya Pradesh
16	Research and Publications: Its importance and Need	IOA scientific writing Course	14-7-2019	Cuttack	Odissa
17	Research and Publications: Its importance and Need	IOA scientific writing Course	29-09-2019	NILD	Kolkata
18	Uniform Guidelines and format for manuscript	IOA scientific writing Course	29-09-2019	NILD	Kolkata
19	Current concepts in management of fracture neck of femur	FOCUS – Lower extremity Trauma	02-06-2019	Raipur	Raipur
20	Spondyloarthritis: Pathogenesis, Prevalence & Burden	IOA Action	10-11-2019	Hotel Hyatt	Raipur

**Name of Faculty Member:** Dr. Bikram Keshari Kar

S. No.	Title of talk	Name of the CME/Conference	Date	Venue	City
1.	Management of compound fracture: Experience in AIIMS Raipur	CEZCON 2020	12-10-2019	AIIMS	Raipur
2.	Management of supracondylar fracture femur by DFN	FOCUS – Lower extremity Trauma	02-06-2019	Raipur	Raipur
3.	Role of Editor	Symposium on research methodology	11-01-2020	Cuttack	Odissa
4.	Use of Vancomycin reduces infection in lumbar spine surgery	OOACON	10-01-2020	Cuttack	Odissa
5.	Panelist in Spine Trauma	CGIOACON 2020	18 Jan 2020	Hotel Babylom	Raipur

**Dr. Harshal Sakale**

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Venue	City
1.	Dr. Harshal Sakale	Transportal Arthroscopic ACL	CEZCON 2019	11-13 Oct 2019	AIIMS, Raipur	Raipur

		Reconstruction				
2.	Dr. Harshal Sakale	Management Of Infected Nonunion Of Tibia By Illizarvo Technique	CG-IOACON 2020	18-19 Jan 2020	Raipur	Raipur

If any award has been won place \* against it and elaborate here (e.g. \*Best paper award)

Lectures taken by SR/PG in various conferences in FY 2019-2020 And Awards

s. No.	Author	Title of Presentation	Name of the Conference	Date	Venue	City
1	Sameer Mittal	THR in Sickle Cell Disease Patients	CGIOACON 2020	18/01/2020	BABYLON	RAIPUR
2	Mukund Madhav Ojha*	Neglected monteggia fracture dislocation in a child. New Operative technique	CGIOACON 2020	18/01/2020	BABYLON	RAIPUR
3	Shilp Verma**	An observation study between open surgical release and usg guided steroid infiltration in dequervains patient	CGIOACON 2020	18/01/2020	BABYLON	RAIPUR
4	Shilp Verma	Uses of vac in orthopaedic	CZIOACON 2019	12/10/2019	AIIMS, Raipur	Raipur
5	Rahul Ranjan	A rare presentation of solitary giant neurofibroma	CGIOACON 2020	18/01/2020	BABYLON	RAIPUR
6	Sharath Kowshik	RESULTS OF CLUBFOOT MANAGEMENT BY JOSHIS EXTERNAL STABILIZING SYSTEM PAPER PRESENTATION	CZIOACON 2019	12/10/2019	AIIMS, Raipur	Raipur
7	Sharath Kowshik	EARLY RESULTS OF CLUBFOOT MANAGEMENT BY JESS POSTER	IOACON-2019	20/11/2019	Biswa bangla Convention center	kolkata
8	DR SHARATH KOWSHIK	MANAGEMENT OF CLUBFOOT BY DIFFERENTIAL DISTRACTION	IMA CHHATTIS GARH MEDICAL CONFERRN CE 2019	11-13 OCTOBER 2019		Durg
9	DR SHARATH KOWSHIK	EARLY RESULTS IN MANAGEMENT OF CLUBFOOT BY JESS PAPER PRESENTAION	CGIOACON 2019	23-14 FEBRUARY 2019	HOTEL ANANDA	BILASPUR
10	Rakshit J***	Anthropometry of foot in symptomatic and	CGIOACON 2020	19/01/2020	BABYLON	RAIPUR

		asymptomatic foot				
11	Rakshit J	Anthropometry of foot in symptomatic and asymptomatic foot	CZIOACON 2019	12/10/2019	AIIMS, Raipur	RAIPUR
12	Sameer Mittal,	Revision Total Hip Arthroplasty	CGIOACON 2019	23-14 FEBRUARY 2019	HOTEL ANANDA	BILASPUR
13	Buddhadeb Nayak	COMPARATIVE STUDY BETWEEN SUPRA-SCAPULAR NERVE BLOCK VERSUS PLATELET RICH PLASMA INJECTION IN THE TREATMENT OF ADHESIVE CAPSULITIS OF SHOULDER JOINT	CZIOACON 2019	12/10/2019	AIIMS, Raipur	Raipur
14	Buddhadeb Nayak	Correction of club foot by ponsetti technique- poster	CZIOACON 2019	12/10/2019	AIIMS, Raipur	Raipur
15	Buddhadeb Nayak	COMPARATIVE STUDY BETWEEN SUPRA-SCAPULAR NERVE BLOCK VERSUS PLATELET RICH PLASMA INJECTION IN THE TREATMENT OF ADHESIVE CAPSULITIS OF SHOULDER JOINT- poster	IOACON-2019	20/11/2019	Biswa bangla Convention center	kolkata
16	Buddhadeb Nayak	COMPARATIVE STUDY BETWEEN SUPRA-SCAPULAR NERVE BLOCK VERSUS PLATELET RICH PLASMA INJECTION IN THE TREATMENT OF ADHESIVE CAPSULITIS OF SHOULDER JOINT	IMA-2020	24/02/2020		durg
17	Buddhadeb Nayak	COMPARATIVE STUDY BETWEEN SUPRA-SCAPULAR NERVE BLOCK VERSUS PLATELET RICH PLASMA INJECTION IN THE TREATMENT OF ADHESIVE CAPSULITIS OF SHOULDER JOINT	CGIOACON 2019	23-14 FEBRUARY 2019	HOTEL ANANDA	BILASPUR
18	Prof A C Agrawal, Buddhadeb Nayak	Limb salvage in Osteosarcoma- poster	CGIOACON 2019	23-14 FEBRUARY 2019	HOTEL ANANDA	BILASPUR
19	A.C. AGRAWAL, DR SHARATH KOWSHIK, DR BUDDHADEB NAYAK , DR	LIMB SALVAGE IN BONE TUMOR POSTER- poster	CZIOACON 2019	12/10/2019	AIIMS, Raipur	Raipur

	BIKRAM					
20	SHARATH KOWSHIK	MANAGEMENT OF CLUBFOOT BY DIFFERENTIAL DISTRACTION	IMA CHHATTIS GARH MEDICAL CONFERENCE 2019	11-13 OCTOBER 2019		Durg
21	DR SHARATH KOWSHIK	EARLY RESULTS IN MANAGEMENT OF CLUBFOOT BY JESS PAPER PRESENTATION	CGIOACON 2019	23-14 FEBRUARY 2019	HOTEL ANANDA	BILASPUR

- \* Best Poster Award
- \*\* 2nd Best Paper Award
- \*\*\* 2<sup>nd</sup> Best Paper Award P G Category
- Dr Buddhadeb Nayak and Dr. Sharath Kaushik are also winner of P G Quiz CEZCON 2019
- Dr Buddha Deb Nayak got selected for the prestigious fellowship of Central Zone of IOA to go to Ganga Hospital Coimbatore



## **RESEARCH**

### **Funded Projects**

#### ***Ongoing***

<b>S. No.</b>	<b>Title of the Project</b>	<b>Name Principal Investigator</b>	<b>Funded by (Name of funding agency)</b>	<b>Duration (years)</b>	<b>Start year-End year</b>	<b>Total funds sanctioned (Rs.)</b>
1.	Correlation of Vitamin D levels with markers of Bone Metabolism in COVID 19 Patients	Prof. Dr. Alok C. Agrawal	AIIMS, Raipur	06 Months	June 2020	3.19 Lakh
2.	A Study Of The Role Of Platelet Rich Plasma In The Treatment Of Knee Osteoarthritis.	Dr. Harshal Sakale	AIIMS, Raipur	2 Years	-	-1.5 Lakh

#### ***Completed***

<b>S. No.</b>	<b>Title of the Project</b>	<b>Name Principal Investigator</b>	<b>Funded by (Name of funding agency)</b>	<b>Duration (years)</b>	<b>Start year-End year</b>	<b>Total funds sanctioned (Rs.)</b>
1.	Estimation of Plasma interleukin-33 level in sickle cell disease patients with Hip osteonecrosis	Prof. Dr. Alok C. Agrawal	AIIMS, Raipur	02 Year 4 Months 7 days	31-12-2017 to 08-05-2020	5,00,000.00

#### ***Ongoing***

**(Please do not list faculty/guide/candidate names or whether it is a PhD, DM, MD thesis, etc)**

<b>S. No.</b>	<b>Title of the Project</b>
1.	Correlation Of Vitamin D Levels With Markers Of Bone Metabolism In COVID 19 Patients.
2.	A Comparison Of The Clinico-Radiological Outcomes Of Inter Trochanteric Fractures Treated Using Proximal Femoral Nail And Proximal Femoral Nail Anti-Rotation.
3.	Evaluation Of Functional Outcomes After Decompression Alone Vs Decompression With Fusion Surgery In Lumbar Spine Stenosis.
4.	Correlation Between Limb Length Discrepancy And Functional Outcome In Sickle Cell Disease Patients Following Total Hip Arthroplasty.
5.	Correlation Of Arthroscopy Based Femoral Intercondylar Notch Dimensions In Patients With Anterior Cruciate Ligament Insufficiency (ACL) With MRI Based Measurements And Cadaveric Measurements Of Intercondylar Notch With Intact Anterior Cruciate Ligament.
6.	Management Of Early Presenting Fracture Neck Of Femur In Young Adults: A Comparative Study

	Between Osteosynthesis With And Without Fibular Graft.
7.	Management of Clubfoot by Joshi's External stabilizing system. A comparison between spring and manual distractor.
8.	Comparison Of The Functional Outcomes Of Transverse Patellar Fractures (Ao Type 34-C1) By Management By Tension Band Wiring Using Cannulated Cancellous Screws Versus Tension Band Wiring Using Kirschner Wires.

### **Completed**

<b>S. No.</b>	<b>Title of the Project</b>
1.	Estimation Of Plasma Interleukin-33 Level In Sickle Cell Disease Patients With Hip Osteonecrosis
2.	Characteristic Of Foot Morphology And Their Relationship To Gender, Age, Body Mass Index, Plantar Pressure Distribution And Bilateral Asymmetry In Indian Adults With Normal And Symptomatic Foot.
3.	Comparative Study Between Suprascapular Nerve Block Versus Platelet Rich Plasma In The Treatment Of Adhesive Capsulitis Of Shoulder Joint.

### **Collaborative Projects**

#### **Ongoing (Please do not provide faculty names)**

<b>S. No.</b>	<b>Title of the Project</b>	<b>Collaborating Department/Institution</b>
1.	Role Of Geniculate Artery Embolization For Management Of Osteoarthritis Related Pain And Disability, Using Microspheres And Imipenem/Cilastatinembolizing Agents- A Pilot Study.	Radiodiagnosis, AIIMS, Raipur.
2.	Impact of selected yoga posture on core muscle in degenerative disk disease without neurological deficit	Department of Anatomy, AIIMS Raipur
3.	Comparative study between dexmedetomidine and dexamethasone adjuvant to levobupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery	Department of Anaesthesia AIIMS Raipur
4.	Prevalence, diagnosis and treatment of Nontuberculous Mycobacteria in India: A Multicentric project".	Department of Microbiology/ Orthopaedics/Medicinep AIIMS Raipur
5.	Efficacy and safety of two treatment regimens of trenexamic acid in blood sparing effect in primary unilateral Total Hip Arthroplasties. A Randomised Control Trial	Department of Anaesthesia

### **PUBLICATIONS**

1. Agrawal A C, Kar B, Sakale H, Sandeep y, Rakshit J. Charecteristicfs of foot morphology and their relationship to gender, age, BMI,and bilateral symmetry in adult with normal and symptomatic foot. OJOT: 1; 41(1) 7-10
4. Agrawal AC, Nayak B, Sakale H. Management of adhesive capsulitis of shoulder joint by single platelet rich plasma injection. J Orthop Traumatol Rehabil 2019;11:62-5
3. Kar B, Nayak B, Sakale H, Agrawal AC. Negative pressure wound therapy.A healing touch approach to difficult wounds in Orthopaedic practice. A systematic review. OJOT :1;41(1) 41-45.

4. Jitendra Mishra, N C Mohapatra, Bikram Kar. Effect of daily teriparatide for delayed union of fracture neck of femur. JOTR 2019; 49-52.

5. Mishra JK, Borkar NK, Kar BK, Sahu SA, Shrimor P. Isolated Hexadactylia: A rare case of central polydactyly of the foot. The Foot 2020;42:101633

6. Agrawal AC, Kaushik S, Nayak BD. Management of flexion contractures of wrist by differential distraction. JOTR2019;11(2): 118-121

### **PATIENT CARE**

In patient care/supportive activities include information regarding: (a) facilities available in the department (including special clinics and/or special laboratory facilities (b) community services/camps etc.

<b>Month</b>	<b>Total OPD</b>	<b>Special Clinic</b>	<b>Major OT</b>	<b>Minor OT</b>	<b>Procedure</b>
Apr-19	4163	10	50	3	496
May-19	4549	9	60	5	507
Jun-19	4970	3	54	6	569
Jul-19	4334	12	75	20	595
Aug-19	4011	19	80	10	613
Sep-19	4469	11	91	10	631
Oct-19	4375	17	83	11	663
Nov-19	4463	21	95	6	611
Dec-19	3922	22	90	10	649
Jan-20	3746	25	111	1	633
Feb-20	3936	25	105	9	413
Mar-20	2690	9	94	9	233
<b>Total</b>	<b>49628</b>	<b>183</b>	<b>988</b>	<b>100</b>	<b>6613</b>

## **AWARDS, HONOURS AND SIGNIFICANT EVETS**

### **Prof. Dr. Alok Chandra Agrawal FAMS**

1. Elected and admitted as Fellow National Academy of Medical Sciences, India FAMS During NAMSCON, AIIMS Bhopal on 12-10-2019.
2. Indian Orthopaedic Association C.G. Chapter Appreciation Award “ All time Best Honorary Secretary” on 18 January 2020 during CGIOACON 2019 Raipur.
3. Dr. V S Singh Best Poster Award given during CEZCON AIIMS Raipur 2019 on 11-10-2019 to 13-10-2019.
4. Indian Orthopaedic Association C.G. Chapter Best Poster Award on 19 January 2020.
5. Winner of M.P. Chapter Best Paper Award during CEZCON 11 to 13 October 2019.
6. 2nd prize to self written poetry competition in Hindi during Hindi Week on 5-10-2019.
7. Advanced A O Trauma Course 29-31 August 2019 Kolkata
8. 82nd NTTC on Education sciences for teachers of health professionals JIPMER from 10-15 February 2020

### **Dr. Bikram K Kar:**

1. Associate Editor JOTR
2. Chairman Souverign Committee

### **Dr. Harshal Sakale:**

1. Selected for IOA-Yuva Mentor Fellowship 2019-2020
2. Associate Editor JOTR
3. CO-Organising Secretary CEZCON 2019 AIIMS Raipur

## **VISITING SCIENTIST**

### **Dr. Bijyendra Kumar Singh**

President British Indian Orthopaedic Society, UK

Prof. and Consultant Orthopaedic Surgeon from Medway Meritime Hospital Gillingham, NHS Trust UK visited the department and took a lecture on Shoulder instability and Reverse shoulder arthroplasty on 29-05 2019

### **Posts of Responsibility:**

#### **Prof. Dr. Alok C Agrawal**

1. Associate Dean Academics, AIIMS Raipur CG
2. Hon. Secretary Chhattisgarh Chapter of Indian Orthopaedic Association
3. Member Scientific Committee Raipur Orthopaedic Society
4. Executive Body Member – Indian Medical Association , Raipur Branch
5. Associate Editor Hand Section , Indian Journal of Orthopaedics.
6. Editor- Central Zone of IOA

- 7. Editor – CG Chapter of IOA**
- 8. Guest Editor- JODT an official journal of Bihar Orthopaedic Association**
- 9. Chairman- Medical Education Unit AIIMS Raipur**
- 10. Chairman and Nodal Officer for NOTTO from AIIMS Raipur**
- 11. Chairman Sports Committee AIIMS Raipur**
- 12. Head, Department of Physical Medicine and Rehabilitation, AIIMS Raipur. CG**