



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR**  
**6<sup>th</sup> Annual Report, 2017-2018**  
**Format**

**FACULTY AND STAFF**

S. No.	Name of Faculty Member	Designation
1.	<b>Prof. (Dr.) Alok C. Agrawal</b>	Professor and Head, Department of Orthopaedics, AIIMS Raipur
2.	Dr. Ajit Singh	Additional Professor, Department of Orthopaedics, AIIMS Raipur
3.	Dr. Bikram Keshari Kar	Associate Professor, Department of Orthopaedics, AIIMS Raipur
4.	Dr. Harshal S. Sakale	Assistant Professor, Department of Orthopaedics, AIIMS Raipur
5.	Dr. Avinash Kumar	Assistant Professor, Department of Orthopaedics, AIIMS Raipur
6.	Dr. Abhishek Jain	Senior Resident, Dept. of Orthopaedics
7.	Dr. Sameer Mittal	Senior Resident, Dept. of Orthopaedics
8.	Dr. Rahul Kumar Chandan	Senior Resident, Dept. of Orthopaedics
9.	Dr. Rudra Pratap Singh	Senior Resident, Dept. of Orthopaedics
10.	Dr. Mangesh Chandewar	Senior Resident, Dept. of Orthopaedics
11.	Dr. Bikas Sahoo	Senior Resident, Dept. of Orthopaedics
12.	Dr. Rajat Banchor	Senior Resident, Dept. of Orthopaedics

## **HIGHLIGHTS**

The department of Orthopaedics provides quality health care, medical education at graduate and postgraduate level, Orthopaedic training to nursing students, speciality care of children with congenital club foot and research activities. The department conducted a National symposium on musculo-skeletal tuberculosis in the month of July 2017 which was well attended by more than 200 Orthopaedic surgeons from all over the country and medical students.

## **EDUCATION**

1. Lectures for MBBS students- 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> year.
2. Bed side clinics for MBBS medical students
3. Postgraduate classes in the form of case presentations
4. Lectures for 2<sup>nd</sup> year nursing students
5. Log Book for MBBS students
6. The students have been attending clinical meetings along with Raipur Orthopaedic Society.

The department has started M S Orthopaedic course from this year and 2 postgraduates have joined this year 1 each in July and January session.

The department conducted a National symposium on musculo-skeletal tuberculosis as well as a saw bone training for total hip replacement

## **CMEs/Workshops/Symposia/National and International Conferences**

1. National symposium on Musculoskeletal Tuberculosis- 30<sup>th</sup> July 2017- AIIMS Raipur
2. Saw bone workshop for THR- Depuy- Johnson and Johnson – September 2017- AIIMS Raipur
3. Indian Orthopaedic Association Post-Graduate Teaching Course- 16-17 september 2017, Jabalpur



**Lectures delivered at CMEs, National and International conferences**

**Prof. Dr. Alok Chandra Agrawal**

**Name of faculty member**

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
	Whole Body Donation	Transplant Co-coordinators Training Programme	2 <sup>nd</sup> -6 <sup>th</sup> February 2018	B R Ambedkar Medical College Hospital	Raipur Chhattisgarh
2	Recurrence in GCT- Our experience	CGIOACON 2018	20-21 January 2018,	Chitrakot	Jagdarpur,CG
3	Avoidable complications in Limb Salvage for bone Tumours	CGIOACON 2018	20-21 January 2018	Chitrakot	Jagdarpur, CG

4	Acute Management of Pelvic Fractures	CEZCON	3-9-2017	Varanasi	UP
5	NEGLECTED LATERAL CONDYLAR FRACTURE WITH CUBITUS VALGUS. 2	K T Dholakia National CME IOACON 2017	26 <sup>th</sup> to 31 <sup>st</sup> December, 2017	Briliant convention center	<b>Indore, India</b>
5	Management of Tuberculosis of the Elbow Joint-	National Symposium on Musculoskeletal Tuberculosis	30 <sup>th</sup> July 2017	AIIMS	Raipur CG
7	Recurrence in Giant cell tumour- Causes and Management	MPIOACON 2017	3 <sup>rd</sup> to 5 <sup>th</sup> November 2017	Pachmari	MP
8	Bone Tumours	IOA PG Teaching Course	16-17 September 2017	Jabalpur	<b>MP</b>
9	Clubfoot Management by Ponseti Method-	IOAPG Teaching Course	16-17 September 2017	<b>Jabalpur</b>	<b>MP</b>
10	Compilation and dissemination of data relating to common orthopaedic conditions	World Orthopaedic Concern Session IOACON 2017	26 <sup>th</sup> to 31 <sup>st</sup> December 2017	Indore	<b>MP</b>
11	REPLACEMENT V/S FIXATION IN TROCHANTRIC FRACTURES	Debate (For) IOACON 2017	26 <sup>th</sup> to 31 <sup>st</sup> December 2017	Indore	<b>MP</b>
12	Damage Control Orthopaedics	OOACON 2018	13-14 January 2018	Puri	<b>Odissa</b>
13	Paediatric fracture neck of femur, Management and outcome	OOACON 2018	13-14 January 2018	Puri	<b>Odissa</b>

### Oral and Poster Presentations:

1.	Can Syndromic Clubfoot be corrected by Ponseti's Method?, Indore	IOACON 2017	26 <sup>th</sup> to 31 <sup>st</sup> December 2017	<b>Brilliant convention center</b>	<b>Indore</b>
2.	Recurrence in Giant Cell Tumours.	IOACON 2017	26 <sup>th</sup> to 31 <sup>st</sup> December 2017	<b>Brilliant convention center</b>	<b>Indore</b>
3.	Our experience in treating Syndromic clubfoot by Ponseti;s Method	38 <sup>th</sup> SICOT OWC	30 November to 2 December 2017	<b>Capetown convention center</b>	<b>South Africa</b>
4.	Hypovitaminosis D is a major factor for Persistent Nonspecific Musculoskeletal Pains.	38 <sup>th</sup> SICOT OWC	30 November to 2 December 2017	<b>Capetown convention center</b>	South Africa
5.	Avoidable complications in Limb Salvage for Malignant Bone Tumours,	IOACON 2017	26 <sup>th</sup> to 31 <sup>st</sup> December 2017	in S S Yadav Gold Medal Competition Paper Session	Indore
6.	Management of Recurrence in Giant Cell Tumours. South Africa.	38 <sup>th</sup> SICOT OWC	30 November to 2 December 2017	<b>Brilliant convention center</b>	Capetown South Africa

### Dr. Harshal Sakale

Title of talk	Name of the CME/conference	Date	Venue	City
<b>Management of CTEV by Ponseti's Method- A Critical Appraisal</b>	CGIOACON 2018 – In Rural orthopaedics CME	20 <sup>th</sup> Jan 2018	JAGDALPUR	Jagdalpur

### Senior Residents

o.	Authors	Title of presentation	Name of the conference	Date	Venue	City
	Abhaishekh jain, <b>H Sakale</b> , AC Agrawal	Treatment of Idiopathic club foot by Ponseti method	CGIOACON 2018	21 <sup>st</sup> jan 2018	Jagdalpur	Jagdalpur
	Sameer Mittal, <b>H Sakale</b> , AC Agrawal	Effectiveness of Caudal epidural steroid injection in chronic lumbar disc and degenerative spine	CGIOACON 2018	21 <sup>st</sup> jan 2018	Jagdalpur	Jagdalpur

Please ADD more rows if needed

**List of oral papers/posters presented (This**

S. No.	Authors	Title of presentation	Name of the conference	Date	Venue	City
	Agarwala S, Sharan P, Sahni P.	How to prepare an annual report	II Conference of Annual Report preparers	17 May 2017	ABC Medical College	Hapur

Please ADD more rows if needed

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

## RESEARCH

### Funded projects

#### Ongoing

S. No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year–End year	Total funds sanctioned (Rs)
	Estimation of plasma interleukin -33 level in sickle cell disease patient with hip osteonecrosis	Dr. Alok C Agrawal	AIIMS Intra Mural Grant	1 year	March 2018	5 Lakhs

S. No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year–End year	Total funds sanctioned (Rs)
	Role of intrarticular PRP injection in early stage of OA knee	Harshal Sakale	-NA	1 year	Submitted to research cell	NA

### Departmental projects (including thesis/dissertations)

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

S. No.	Title of the project
	Characteristics of foot morphology and their relationship to gender, age, bodymass index, plantar pressure distribution and bilateral asymmetry in Indian Adults with normal and symptomatic foot.
	Comparative study between suprascapular nerve block versus platelet rich plasma injection in the treatment of adhesive capsulitis of shoulder joint

## Collaborative projects

S. No.	Title of the project	Collaborating department/institution
	Comparative study between dexmedetomidine and dexamethasone adjuvant to levobupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery	Anaesthesia
	<b>Prevalence, diagnosis and treatment of Non-tuberculous Mycobacteria in India: A Multicentric project".</b>	Microbiology/Orthopaedics/Medicine

## PUBLICATIONS

1. Agrawal A. C. (2018) Editorial: Why should we publish our work? Journal of Orthopaedics, The. 5:1;5.
2. Agrawal A. C.(2017) Proximal Femur Segmental Resection for the Management of Prosthetic Tip Fracture: An Innovative Procedure. JOTR. 9:2; 115-119.
3. Agrawal A. C.(2017) Single Bone Forearm for Chronic Osteomyelitis of Lower Third Radius. JOTR. 9:2;124-126.
4. Agrawal A. C. (2017) Recurrent giant cell tumour of the phalynx: A rare occurrence. JOTR .9: 59-61.
5. Agrawal A. C. (2018) Minimising complications in limb salvage for malignant bone tumours. Chikitsak .3:1; 2-6.
6. Agrawal A. C , Sakale H.(2017) Common Misconceptions and realities in the management of clubfoot. Chikitsak. 2:2; 25-28.
7. Akhtar M N, Barman R, Keshkar S, Agrawal A C, Dey N. (2017) Assessment of hip nutritional status in hip fracture patients. Indian Medical Gazette ( Accepted).
8. Deshmukh G, Jadhav S, Agrawal A C, Raza H K T. (2018) Quadriceps v-y plasty in 28 year old male with congenital bilateral quadriceps contracture. Journal of Orthopaedics, The. 5:1;22-25.
9. Sakale H, Agrawal A C, Kumar A, Sahoo B, Jain A.(2018) Effectiveness of caudal Epidural steroid, injections in patients with chronic lumbar disc disease or degenerative spine. Journal of Orthopaedics, The. 5:1;58-62.
10. Keshkar S, Dalmia D, Lal S, Akhtar M N, Kisku L, Agrawal A C. (2018) Arthroscopic Assisted ACL reconstruction, 63 through trans - tibial tunnel using bone - patellar tendon - bone graft : Single incision technique. Journal of Orthopaedics, The.5:1;63-65.
11. Akhtar M N, Agrawal A C, Keshkar S. (2018) Hypovitaminosis D in Fragility Hip Fracture Patients. Journal of Orthopaedics, The. 5:1;73-82.
12. Sakale H. Agrawal AC, Singh A, Sahoo B, Jain A.(2-17) Treatment of idiopathic clubfoot by Ponseti's method. JOTR. 9:1;25-28.

13. H.Sakale , AC Agrawal , Bikram.KAR Management of infected Non-union of Tibia by Ilizarov technique Accepted for Publication JOTR
14. 3]Bikram kar , AC Agrawal , H Sakale Single stage quadruple osteotomy and fixation in Knee O deformity Accepted for Publication JOTR

**PATIENT CARE**

**ANNUAL REPORT FOR THE YEAR 2017-18 FROM APRIL 2017 – MARCH 2018.**

<b>Month</b>	<b>OPD</b>	<b>Special Clinic</b>	<b>IPD (Admissions)</b>	<b>Major OT</b>	<b>Minor OT</b>
April - 2017	1943	19	54	26	6
May- 2017	2280	20	41	25	6
June- 2017	2287	45	45	25	11
July- 2017	2829	63	49	32	1
August- 2017	2702	46	42	25	7
September- 2017	2354	42	48	29	
October- 2017	2386	24	44	26	2
November- 2017	2375	18	45	31	4
December- 2017	2207	7	32	23	
January- 2018	2038	7	32	25	1
February- 2018	2055	15	35	30	
March- 2018	2286	17	49	34	
<b>Total</b>	<b>27742</b>	<b>323</b>	<b>516</b>	<b>331</b>	<b>38</b>

## **AWARDS, HONOURS AND SIGNIFICANT EVENTS**

### **Awards**

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

1. Indian Orthopaedic Association Special Appreciation Award for eminence as a medical teacher at National and International level-2017
2. President's Gold Medal and Appreciation Award from Chhattisgarh Chapter of Indian Orthopaedic Association- January 2018 for excellence in Orthopaedic Education and exemplary work in the field of disability correction.

#### **External Examiner:**

1. MBBS: AIIMS Patna
2. M S Orthopaedics: N S C B Medical College, Jabalpur MP
3. M S Orthopaedics: GMC Indore

#### **Posts of responsibility:**

1. Hon Secretary CGIOA
2. Chairman Oncology Section of IOA
3. Chairman IOA PG Quiz Committee
4. Quiz Master MPIOACON 2017 3<sup>rd</sup> to 5<sup>th</sup> November 2017 Pachmari, MP

#### **Dr. Harshal S Sakale**

1. Selected for BIOS-UK [British India orthopaedic society -2018 fellowship from Chhattisgarh State
2. Completed fellowship in Arthroscopy and sport medicine from Sancheti hospital Pune Jan. 2018